



IES INDOOR REPORT
PHOTOMETRIC FILENAME : BFP22L30W3750LDMV40K.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST]
 [TESTLAB]
 [TESTDATE] 2018-11-07
 [ISSUEDATE] 18-FEB-2002
 [NEARFIELD]
 [LAMPPOSITION] 0,0
 [OTHER] Hopoo HPG1900 SYSTEM
 [MANUFAC] SAYLITE
 [LUMINAIRE] BFP22L30W3750LDMV40K

CHARACTERISTICS

| | |
|---------------------------------|-----------------|
| Lumens Per Lamp | 3714.6 (1 lamp) |
| Total Lamp Lumens | 3714.6 |
| Luminaire Lumens | 3864 |
| Total Luminaire Efficiency | 104 % |
| Luminaire Efficacy Rating (LER) | 130 |
| Total Luminaire Watts | 29.7 |
| Ballast Factor | 1.00 |
| CIE Type | Direct |
| Spacing Criterion (0-180) | 1.28 |
| Spacing Criterion (90-270) | 1.28 |
| Spacing Criterion (Diagonal) | 1.40 |
| Basic Luminous Shape | Rectangular |
| Luminous Length (0-180) | 0.60 m |
| Luminous Width (90-270) | 0.60 m |
| Luminous Height | 0.00 m |

LUMINANCE DATA (cd/sq.m)

| Angle In Degrees | Average 0-Deg | Average 45-Deg | Average 90-Deg |
|---------------------|------------------|-------------------|-------------------|
| 45 | 3437 | 3460 | 3437 |
| 55 | 3318 | 3345 | 3318 |
| 65 | 3137 | 3137 | 3137 |
| 75 | 2826 | 2787 | 2826 |
| 85 | 2503 | 2364 | 2503 |

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CANDELA TABULATION

| | <u>0</u> | <u>5</u> | <u>10</u> | <u>15</u> | <u>20</u> | <u>25</u> | <u>30</u> | <u>35</u> | <u>40</u> | <u>45</u> |
|-------------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 0.0 | 1302.14 | 1302.14 | 1302.14 | 1302.14 | 1302.14 | 1302.14 | 1302.14 | 1302.14 | 1302.14 | 1302.14 |
| 0.5 | 1302.36 | 1302.31 | 1302.25 | 1302.20 | 1302.14 | 1302.09 | 1302.03 | 1301.98 | 1301.93 | 1301.88 |
| 1.0 | 1302.58 | 1302.48 | 1302.37 | 1302.27 | 1302.16 | 1302.05 | 1301.94 | 1301.83 | 1301.72 | 1301.62 |
| 1.5 | 1302.78 | 1302.62 | 1302.46 | 1302.29 | 1302.13 | 1301.97 | 1301.81 | 1301.65 | 1301.50 | 1301.36 |
| 2.0 | 1302.98 | 1302.76 | 1302.54 | 1302.31 | 1302.08 | 1301.86 | 1301.64 | 1301.43 | 1301.23 | 1301.04 |
| 2.5 | 1302.68 | 1302.42 | 1302.17 | 1301.93 | 1301.71 | 1301.51 | 1301.32 | 1301.16 | 1300.95 | 1300.71 |
| 3.0 | 1302.38 | 1302.07 | 1301.77 | 1301.49 | 1301.22 | 1300.98 | 1300.76 | 1300.57 | 1300.40 | 1300.26 |
| 3.5 | 1301.96 | 1301.59 | 1301.25 | 1300.94 | 1300.65 | 1300.41 | 1300.20 | 1299.98 | 1299.79 | 1299.62 |
| 4.0 | 1301.54 | 1301.11 | 1300.72 | 1300.36 | 1300.03 | 1299.75 | 1299.50 | 1299.31 | 1299.15 | 1298.99 |
| 4.5 | 1300.81 | 1300.34 | 1299.93 | 1299.57 | 1299.27 | 1299.03 | 1298.80 | 1298.58 | 1298.41 | 1298.29 |
| 5.0 | 1300.09 | 1299.57 | 1299.10 | 1298.70 | 1298.37 | 1298.11 | 1297.92 | 1297.80 | 1297.66 | 1297.53 |
| 5.5 | 1299.04 | 1298.48 | 1298.02 | 1297.65 | 1297.37 | 1297.18 | 1296.97 | 1296.84 | 1296.79 | 1296.76 |
| 6.0 | 1297.99 | 1297.39 | 1296.89 | 1296.49 | 1296.19 | 1296.00 | 1295.91 | 1295.88 | 1295.82 | 1295.86 |
| 6.5 | 1296.72 | 1296.07 | 1295.56 | 1295.19 | 1294.96 | 1294.82 | 1294.72 | 1294.74 | 1294.85 | 1294.89 |
| 7.0 | 1295.44 | 1294.74 | 1294.19 | 1293.78 | 1293.53 | 1293.44 | 1293.51 | 1293.56 | 1293.70 | 1293.93 |
| 7.5 | 1293.80 | 1293.07 | 1292.54 | 1292.21 | 1292.07 | 1291.99 | 1292.06 | 1292.30 | 1292.54 | 1292.81 |
| 8.0 | 1292.15 | 1291.38 | 1290.82 | 1290.47 | 1290.33 | 1290.39 | 1290.61 | 1290.87 | 1291.31 | 1291.68 |
| 8.5 | 1290.35 | 1289.56 | 1289.01 | 1288.69 | 1288.59 | 1288.66 | 1288.95 | 1289.42 | 1289.89 | 1290.55 |
| 9.0 | 1288.55 | 1287.74 | 1287.17 | 1286.84 | 1286.76 | 1286.91 | 1287.25 | 1287.78 | 1288.47 | 1289.17 |
| 9.5 | 1286.58 | 1285.73 | 1285.17 | 1284.92 | 1284.93 | 1285.10 | 1285.51 | 1286.12 | 1286.91 | 1287.78 |
| 10.0 | 1284.61 | 1283.71 | 1283.12 | 1282.85 | 1282.90 | 1283.27 | 1283.75 | 1284.43 | 1285.30 | 1286.37 |
| 10.5 | 1282.51 | 1281.57 | 1280.98 | 1280.74 | 1280.83 | 1281.22 | 1281.94 | 1282.72 | 1283.69 | 1284.82 |
| 11.0 | 1280.41 | 1279.42 | 1278.79 | 1278.54 | 1278.67 | 1279.17 | 1279.92 | 1281.02 | 1282.04 | 1283.27 |
| 11.5 | 1278.22 | 1277.15 | 1276.51 | 1276.30 | 1276.46 | 1276.99 | 1277.91 | 1279.05 | 1280.40 | 1281.71 |
| 12.0 | 1276.02 | 1274.87 | 1274.17 | 1273.92 | 1274.15 | 1274.80 | 1275.77 | 1277.08 | 1278.65 | 1280.15 |
| 12.5 | 1273.20 | 1272.07 | 1271.49 | 1271.46 | 1271.74 | 1272.46 | 1273.61 | 1275.05 | 1276.75 | 1278.59 |
| 13.0 | 1270.38 | 1269.22 | 1268.62 | 1268.60 | 1269.14 | 1270.05 | 1271.33 | 1272.94 | 1274.84 | 1276.93 |
| 13.5 | 1267.68 | 1266.46 | 1265.82 | 1265.75 | 1266.31 | 1267.46 | 1268.93 | 1270.82 | 1272.83 | 1275.10 |
| 14.0 | 1264.98 | 1263.72 | 1263.05 | 1262.98 | 1263.51 | 1264.69 | 1266.46 | 1268.46 | 1270.80 | 1273.28 |
| 14.5 | 1261.74 | 1260.47 | 1259.96 | 1260.21 | 1260.76 | 1261.93 | 1263.76 | 1266.09 | 1268.72 | 1269.49 |
| 15.0 | 1258.49 | 1257.17 | 1256.63 | 1256.87 | 1257.92 | 1259.23 | 1261.07 | 1263.58 | 1266.41 | 1265.65 |
| 15.5 | 1255.05 | 1253.66 | 1253.15 | 1253.53 | 1254.60 | 1256.50 | 1258.42 | 1260.99 | 1263.55 | 1261.81 |
| 16.0 | 1251.60 | 1250.12 | 1249.55 | 1249.93 | 1251.28 | 1253.23 | 1255.78 | 1258.41 | 1259.43 | 1257.80 |
| 16.5 | 1248.16 | 1246.60 | 1245.96 | 1246.29 | 1247.65 | 1249.96 | 1252.83 | 1255.85 | 1255.25 | 1253.71 |
| 17.0 | 1244.71 | 1243.07 | 1242.39 | 1242.69 | 1244.00 | 1246.42 | 1249.64 | 1253.29 | 1251.08 | 1249.62 |
| 17.5 | 1240.12 | 1238.68 | 1238.42 | 1239.09 | 1240.41 | 1242.81 | 1246.38 | 1249.14 | 1246.93 | 1245.45 |
| 18.0 | 1235.52 | 1234.16 | 1234.00 | 1234.97 | 1236.82 | 1239.24 | 1242.83 | 1244.54 | 1242.78 | 1241.26 |
| 18.5 | 1231.33 | 1229.93 | 1229.71 | 1230.71 | 1232.85 | 1235.69 | 1239.27 | 1239.91 | 1238.56 | 1237.08 |
| 19.0 | 1227.13 | 1225.75 | 1225.58 | 1226.59 | 1228.76 | 1232.01 | 1235.79 | 1235.03 | 1233.98 | 1232.91 |
| 19.5 | 1223.29 | 1221.78 | 1221.52 | 1222.54 | 1224.77 | 1228.13 | 1232.12 | 1230.18 | 1229.42 | 1228.74 |
| 20.0 | 1219.44 | 1217.86 | 1217.54 | 1218.54 | 1220.85 | 1224.29 | 1227.28 | 1225.41 | 1224.75 | 1224.58 |
| 20.5 | 1214.83 | 1213.30 | 1213.31 | 1214.55 | 1216.91 | 1220.50 | 1222.36 | 1220.68 | 1219.97 | 1220.07 |
| 21.0 | 1210.21 | 1208.63 | 1208.62 | 1210.21 | 1212.94 | 1216.73 | 1217.46 | 1215.94 | 1215.23 | 1215.58 |
| 21.5 | 1205.51 | 1203.94 | 1203.95 | 1205.55 | 1208.78 | 1212.84 | 1212.73 | 1211.02 | 1210.55 | 1211.09 |
| 22.0 | 1200.82 | 1199.24 | 1199.29 | 1200.92 | 1204.18 | 1208.93 | 1208.08 | 1206.10 | 1205.90 | 1206.43 |
| 22.5 | 1196.12 | 1194.48 | 1194.59 | 1196.35 | 1199.61 | 1204.64 | 1203.55 | 1201.51 | 1201.23 | 1201.80 |
| 23.0 | 1191.43 | 1189.69 | 1189.77 | 1191.69 | 1195.16 | 1199.45 | 1199.17 | 1197.14 | 1196.35 | 1197.20 |
| 23.5 | 1186.51 | 1184.70 | 1184.86 | 1186.86 | 1190.71 | 1193.94 | 1194.05 | 1192.92 | 1191.48 | 1192.65 |
| 24.0 | 1181.59 | 1179.65 | 1179.73 | 1181.94 | 1185.93 | 1188.57 | 1187.87 | 1189.07 | 1186.94 | 1188.12 |
| 24.5 | 1176.18 | 1174.30 | 1174.54 | 1176.77 | 1181.14 | 1183.14 | 1181.62 | 1185.39 | 1182.92 | 1183.56 |
| 25.0 | 1170.76 | 1168.88 | 1169.17 | 1171.57 | 1176.04 | 1177.43 | 1176.20 | 1179.78 | 1178.99 | 1178.77 |
| 25.5 | 1168.34 | 1165.25 | 1164.06 | 1166.29 | 1170.88 | 1171.75 | 1170.78 | 1172.89 | 1175.56 | 1173.98 |
| 26.0 | 1165.91 | 1162.06 | 1160.16 | 1161.10 | 1165.73 | 1165.75 | 1165.22 | 1166.01 | 1172.45 | 1169.39 |
| 26.5 | 1164.89 | 1159.39 | 1156.21 | 1156.53 | 1160.59 | 1159.74 | 1159.62 | 1160.60 | 1169.52 | 1165.73 |

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CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 27.0 | 1163.87 | 1156.81 | 1152.19 | 1151.86 | 1155.45 | 1153.74 | 1153.93 | 1155.18 | 1162.32 | 1162.17 |
| 27.5 | 1151.23 | 1147.71 | 1147.55 | 1146.41 | 1149.86 | 1147.74 | 1148.03 | 1149.73 | 1154.78 | 1157.77 |
| 28.0 | 1138.60 | 1136.83 | 1138.40 | 1140.79 | 1143.35 | 1141.74 | 1142.16 | 1144.28 | 1147.57 | 1152.97 |
| 28.5 | 1131.83 | 1129.22 | 1129.55 | 1133.60 | 1136.11 | 1135.75 | 1136.19 | 1138.86 | 1142.21 | 1148.00 |
| 29.0 | 1125.07 | 1122.59 | 1123.13 | 1126.51 | 1129.10 | 1129.64 | 1130.23 | 1133.13 | 1136.85 | 1142.23 |
| 29.5 | 1118.83 | 1116.24 | 1116.72 | 1120.22 | 1122.71 | 1122.79 | 1124.31 | 1127.43 | 1131.52 | 1132.80 |
| 30.0 | 1112.58 | 1109.96 | 1110.48 | 1114.08 | 1116.31 | 1115.99 | 1118.44 | 1121.66 | 1124.63 | 1123.59 |
| 30.5 | 1105.84 | 1103.36 | 1104.24 | 1107.94 | 1109.62 | 1109.56 | 1112.48 | 1115.78 | 1117.68 | 1114.78 |
| 31.0 | 1099.10 | 1096.64 | 1097.62 | 1101.79 | 1102.92 | 1103.17 | 1106.08 | 1109.91 | 1110.53 | 1107.77 |
| 31.5 | 1092.84 | 1090.15 | 1091.00 | 1095.43 | 1096.15 | 1096.59 | 1099.74 | 1104.19 | 1103.30 | 1100.79 |
| 32.0 | 1086.57 | 1083.74 | 1084.51 | 1088.97 | 1089.36 | 1089.86 | 1093.43 | 1098.49 | 1096.08 | 1093.84 |
| 32.5 | 1079.55 | 1076.88 | 1078.02 | 1082.50 | 1082.37 | 1083.13 | 1087.11 | 1092.42 | 1088.71 | 1086.91 |
| 33.0 | 1072.54 | 1069.85 | 1071.10 | 1076.00 | 1075.29 | 1076.39 | 1080.67 | 1084.86 | 1081.33 | 1080.00 |
| 33.5 | 1065.27 | 1062.70 | 1064.14 | 1069.35 | 1068.22 | 1069.65 | 1073.99 | 1077.24 | 1073.99 | 1073.08 |
| 34.0 | 1058.01 | 1055.50 | 1057.10 | 1062.53 | 1061.18 | 1062.63 | 1067.30 | 1069.43 | 1066.78 | 1065.96 |
| 34.5 | 1051.32 | 1048.53 | 1050.05 | 1055.41 | 1054.04 | 1055.62 | 1060.68 | 1061.56 | 1059.58 | 1058.82 |
| 35.0 | 1044.62 | 1041.65 | 1043.05 | 1047.94 | 1046.67 | 1048.72 | 1054.07 | 1053.70 | 1052.28 | 1051.70 |
| 35.5 | 1037.18 | 1034.35 | 1036.05 | 1040.44 | 1039.30 | 1041.89 | 1047.33 | 1045.61 | 1044.48 | 1044.53 |
| 36.0 | 1029.74 | 1026.87 | 1028.72 | 1032.84 | 1031.85 | 1034.90 | 1040.46 | 1037.57 | 1036.64 | 1037.35 |
| 36.5 | 1021.93 | 1018.79 | 1021.28 | 1025.22 | 1024.41 | 1027.69 | 1032.31 | 1029.57 | 1028.81 | 1030.21 |
| 37.0 | 1014.11 | 1010.41 | 1012.87 | 1017.34 | 1017.05 | 1020.48 | 1024.28 | 1021.57 | 1021.14 | 1023.11 |
| 37.5 | 1006.75 | 1003.27 | 1004.03 | 1009.41 | 1009.71 | 1013.15 | 1016.26 | 1013.60 | 1013.49 | 1016.04 |
| 38.0 | 999.38 | 996.77 | 997.32 | 1000.08 | 1002.10 | 1005.81 | 1008.03 | 1005.53 | 1005.82 | 1008.98 |
| 38.5 | 991.49 | 989.32 | 991.76 | 990.81 | 994.42 | 998.71 | 999.62 | 997.46 | 998.12 | 1001.61 |
| 39.0 | 983.60 | 981.36 | 984.76 | 984.67 | 986.24 | 991.70 | 991.23 | 989.43 | 990.47 | 993.67 |
| 39.5 | 973.94 | 972.79 | 976.84 | 978.72 | 977.73 | 984.51 | 982.75 | 981.55 | 982.77 | 984.92 |
| 40.0 | 964.28 | 963.90 | 968.84 | 970.82 | 969.92 | 977.10 | 974.31 | 973.68 | 974.99 | 975.62 |
| 40.5 | 956.69 | 955.80 | 960.84 | 962.48 | 963.23 | 969.67 | 966.02 | 965.68 | 967.23 | 966.85 |
| 41.0 | 949.10 | 948.12 | 953.04 | 953.98 | 956.26 | 961.28 | 957.85 | 957.47 | 959.48 | 958.08 |
| 41.5 | 940.74 | 940.01 | 945.39 | 945.36 | 948.17 | 952.29 | 949.67 | 949.29 | 951.74 | 949.33 |
| 42.0 | 932.37 | 931.62 | 937.45 | 936.97 | 940.10 | 943.57 | 941.08 | 941.14 | 943.84 | 940.51 |
| 42.5 | 923.53 | 923.11 | 929.15 | 928.80 | 931.15 | 934.85 | 932.51 | 933.05 | 934.72 | 931.66 |
| 43.0 | 914.70 | 914.53 | 920.89 | 920.37 | 922.04 | 925.94 | 923.89 | 925.00 | 925.63 | 922.79 |
| 43.5 | 906.63 | 906.22 | 912.68 | 911.61 | 913.70 | 916.81 | 915.24 | 916.99 | 916.56 | 913.88 |
| 44.0 | 898.57 | 898.09 | 904.53 | 902.83 | 905.76 | 907.65 | 906.63 | 909.00 | 907.36 | 904.94 |
| 44.5 | 889.85 | 889.54 | 896.45 | 893.98 | 897.58 | 897.60 | 897.66 | 900.97 | 898.02 | 896.02 |
| 45.0 | 881.14 | 880.67 | 888.15 | 885.16 | 889.10 | 887.66 | 888.61 | 892.63 | 888.70 | 887.13 |
| 45.5 | 871.93 | 871.76 | 879.19 | 876.64 | 880.56 | 878.47 | 879.57 | 883.44 | 879.42 | 878.12 |
| 46.0 | 862.71 | 862.82 | 869.79 | 868.11 | 871.72 | 869.64 | 870.63 | 873.77 | 870.15 | 869.12 |
| 46.5 | 854.15 | 854.10 | 860.64 | 858.94 | 862.87 | 860.69 | 861.70 | 864.12 | 860.89 | 860.12 |
| 47.0 | 845.59 | 845.55 | 851.50 | 849.80 | 854.17 | 851.38 | 852.69 | 854.48 | 851.65 | 851.21 |
| 47.5 | 836.22 | 836.17 | 842.49 | 840.60 | 844.97 | 842.08 | 843.78 | 844.58 | 842.49 | 842.40 |
| 48.0 | 826.86 | 826.04 | 833.32 | 831.38 | 835.41 | 832.71 | 835.00 | 834.42 | 833.35 | 833.62 |
| 48.5 | 817.57 | 816.42 | 822.37 | 822.48 | 825.68 | 823.38 | 826.40 | 824.38 | 824.23 | 824.86 |
| 49.0 | 808.29 | 807.29 | 811.51 | 813.72 | 815.85 | 814.21 | 817.81 | 814.53 | 814.88 | 815.88 |
| 49.5 | 799.27 | 798.22 | 802.11 | 804.41 | 805.86 | 805.21 | 807.99 | 804.82 | 805.57 | 806.91 |
| 50.0 | 790.26 | 789.19 | 792.70 | 794.77 | 795.98 | 796.23 | 797.73 | 795.15 | 796.30 | 797.63 |
| 50.5 | 779.10 | 779.59 | 783.35 | 785.27 | 786.58 | 786.80 | 787.51 | 785.30 | 786.88 | 787.34 |
| 51.0 | 767.94 | 769.39 | 774.02 | 775.86 | 777.19 | 777.36 | 777.39 | 775.26 | 777.41 | 776.98 |
| 51.5 | 758.28 | 759.54 | 763.91 | 766.55 | 767.12 | 767.97 | 767.29 | 765.18 | 767.94 | 766.66 |
| 52.0 | 748.61 | 750.08 | 753.62 | 757.59 | 756.79 | 758.66 | 757.19 | 755.43 | 758.58 | 756.37 |
| 52.5 | 739.38 | 740.71 | 743.69 | 748.56 | 746.53 | 749.43 | 747.22 | 745.94 | 749.42 | 746.19 |
| 53.0 | 730.14 | 731.44 | 733.86 | 737.78 | 736.44 | 740.31 | 737.28 | 736.49 | 739.10 | 736.10 |
| 53.5 | 720.23 | 721.92 | 724.16 | 726.94 | 726.44 | 731.22 | 727.24 | 726.87 | 728.67 | 726.03 |
| 54.0 | 710.31 | 712.04 | 714.55 | 717.08 | 716.70 | 721.00 | 716.97 | 717.13 | 718.05 | 715.97 |
| 54.5 | 700.15 | 702.19 | 704.55 | 707.40 | 706.98 | 709.21 | 706.74 | 707.43 | 707.44 | 705.82 |

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PHOTOMETRIC FILENAME : BFP22L30W3750LDMV40K.IES

CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 55.0 | 689.99 | 692.38 | 694.33 | 697.34 | 696.45 | 697.58 | 696.52 | 697.68 | 696.86 | 695.62 |
| 55.5 | 680.45 | 682.68 | 684.12 | 687.31 | 685.82 | 686.89 | 686.27 | 687.83 | 686.03 | 685.44 |
| 56.0 | 670.92 | 673.15 | 673.93 | 676.97 | 675.54 | 676.36 | 676.02 | 677.17 | 675.06 | 675.27 |
| 56.5 | 660.63 | 663.35 | 663.87 | 666.32 | 665.66 | 665.87 | 665.96 | 666.31 | 664.19 | 664.95 |
| 57.0 | 650.34 | 653.06 | 654.03 | 655.66 | 655.84 | 655.48 | 656.02 | 655.72 | 653.44 | 654.50 |
| 57.5 | 639.81 | 642.86 | 643.98 | 644.92 | 646.01 | 645.14 | 646.11 | 645.16 | 643.16 | 644.06 |
| 58.0 | 629.27 | 632.85 | 633.48 | 634.25 | 636.18 | 634.38 | 635.93 | 634.62 | 632.93 | 633.63 |
| 58.5 | 619.66 | 622.53 | 623.01 | 624.10 | 626.26 | 623.29 | 625.78 | 623.79 | 622.73 | 623.32 |
| 59.0 | 610.05 | 611.41 | 612.54 | 613.97 | 616.32 | 612.16 | 615.78 | 612.99 | 612.49 | 613.25 |
| 59.5 | 599.61 | 600.44 | 602.07 | 603.40 | 606.07 | 601.48 | 604.89 | 602.22 | 602.05 | 602.82 |
| 60.0 | 589.17 | 590.00 | 591.66 | 592.71 | 594.94 | 590.86 | 593.45 | 591.43 | 591.64 | 591.77 |
| 60.5 | 576.64 | 579.56 | 581.39 | 582.04 | 583.81 | 580.28 | 582.08 | 580.67 | 581.25 | 580.74 |
| 61.0 | 564.11 | 569.20 | 571.00 | 571.40 | 572.82 | 569.89 | 571.02 | 569.98 | 570.90 | 569.59 |
| 61.5 | 554.07 | 558.97 | 560.64 | 560.78 | 561.92 | 559.57 | 560.08 | 559.38 | 560.62 | 558.46 |
| 62.0 | 544.03 | 548.99 | 549.05 | 549.89 | 550.98 | 549.16 | 549.18 | 548.94 | 549.59 | 547.38 |
| 62.5 | 533.27 | 538.89 | 537.15 | 538.90 | 539.65 | 538.61 | 537.85 | 538.52 | 538.22 | 536.33 |
| 63.0 | 522.51 | 528.18 | 526.51 | 528.07 | 528.38 | 528.10 | 526.33 | 528.14 | 526.88 | 525.28 |
| 63.5 | 511.63 | 517.56 | 516.40 | 517.30 | 517.19 | 517.10 | 514.95 | 517.42 | 515.65 | 514.15 |
| 64.0 | 500.74 | 507.17 | 505.95 | 506.47 | 506.04 | 505.60 | 503.84 | 506.39 | 504.45 | 503.00 |
| 64.5 | 490.70 | 496.54 | 495.26 | 495.78 | 494.91 | 494.20 | 493.04 | 494.94 | 493.28 | 491.84 |
| 65.0 | 480.67 | 485.85 | 483.95 | 485.41 | 483.73 | 483.08 | 482.32 | 482.98 | 482.14 | 480.67 |
| 65.5 | 469.96 | 475.15 | 472.64 | 475.40 | 472.76 | 472.12 | 471.68 | 471.50 | 470.87 | 469.55 |
| 66.0 | 459.25 | 463.90 | 461.58 | 465.05 | 461.93 | 461.21 | 461.17 | 460.17 | 459.62 | 458.66 |
| 66.5 | 448.06 | 452.68 | 451.07 | 453.24 | 451.13 | 450.13 | 450.69 | 448.88 | 448.41 | 447.79 |
| 67.0 | 436.87 | 441.80 | 440.55 | 441.40 | 440.41 | 438.98 | 440.26 | 437.62 | 437.26 | 436.95 |
| 67.5 | 426.54 | 430.88 | 429.51 | 429.78 | 429.07 | 427.91 | 429.16 | 426.43 | 426.15 | 426.14 |
| 68.0 | 416.20 | 420.16 | 418.49 | 418.38 | 417.06 | 416.94 | 417.44 | 415.31 | 415.05 | 415.21 |
| 68.5 | 405.47 | 409.46 | 407.44 | 407.00 | 404.69 | 406.10 | 405.80 | 404.23 | 403.99 | 404.02 |
| 69.0 | 394.73 | 398.23 | 396.49 | 395.88 | 393.57 | 395.37 | 394.23 | 393.20 | 392.95 | 392.85 |
| 69.5 | 383.59 | 386.97 | 385.93 | 384.85 | 382.65 | 384.62 | 382.74 | 382.01 | 381.94 | 381.72 |
| 70.0 | 372.46 | 375.15 | 375.58 | 373.69 | 371.78 | 373.63 | 371.31 | 370.64 | 370.85 | 370.62 |
| 70.5 | 362.27 | 363.30 | 365.11 | 362.36 | 360.62 | 362.56 | 359.93 | 359.28 | 359.83 | 359.55 |
| 71.0 | 352.09 | 352.51 | 354.39 | 351.13 | 349.56 | 350.64 | 348.61 | 347.94 | 348.85 | 348.53 |
| 71.5 | 339.88 | 342.03 | 343.63 | 339.93 | 338.60 | 339.10 | 337.45 | 336.61 | 337.90 | 337.52 |
| 72.0 | 327.67 | 330.82 | 332.26 | 328.73 | 327.86 | 327.68 | 326.36 | 325.57 | 327.00 | 326.54 |
| 72.5 | 316.66 | 319.22 | 320.86 | 317.68 | 317.25 | 316.36 | 315.34 | 314.64 | 316.13 | 315.60 |
| 73.0 | 305.65 | 308.09 | 310.48 | 306.99 | 306.79 | 305.11 | 304.37 | 303.78 | 305.20 | 304.71 |
| 73.5 | 295.59 | 297.21 | 299.85 | 296.26 | 296.57 | 293.82 | 293.37 | 292.99 | 294.25 | 293.85 |
| 74.0 | 285.52 | 286.62 | 288.54 | 285.50 | 286.40 | 282.53 | 282.42 | 282.26 | 283.32 | 283.02 |
| 74.5 | 275.36 | 276.35 | 277.00 | 274.72 | 275.14 | 271.23 | 271.70 | 271.64 | 272.41 | 272.24 |
| 75.0 | 265.20 | 266.02 | 265.49 | 264.04 | 263.84 | 260.09 | 261.06 | 261.10 | 261.53 | 261.49 |
| 75.5 | 254.61 | 255.64 | 254.49 | 253.27 | 252.59 | 249.28 | 250.50 | 250.60 | 250.67 | 250.77 |
| 76.0 | 244.03 | 245.27 | 243.49 | 242.51 | 241.47 | 238.55 | 240.02 | 240.14 | 239.84 | 240.63 |
| 76.5 | 234.44 | 234.78 | 232.72 | 231.82 | 230.49 | 228.10 | 229.64 | 229.72 | 229.16 | 230.61 |
| 77.0 | 224.85 | 224.43 | 222.18 | 221.70 | 219.66 | 218.00 | 219.33 | 219.35 | 218.79 | 220.61 |
| 77.5 | 215.29 | 214.80 | 211.73 | 211.84 | 208.93 | 207.86 | 209.11 | 208.98 | 209.00 | 210.64 |
| 78.0 | 205.73 | 205.23 | 201.35 | 201.67 | 198.28 | 197.82 | 198.97 | 198.64 | 199.23 | 200.70 |
| 78.5 | 195.77 | 195.66 | 191.22 | 191.06 | 187.76 | 187.89 | 188.88 | 188.70 | 189.50 | 190.78 |
| 79.0 | 185.81 | 186.11 | 181.29 | 180.44 | 177.71 | 178.05 | 178.79 | 179.06 | 179.80 | 180.88 |
| 79.5 | 176.69 | 176.70 | 171.55 | 169.89 | 168.22 | 168.31 | 168.72 | 169.46 | 170.12 | 170.99 |
| 80.0 | 167.58 | 167.50 | 162.08 | 159.53 | 158.82 | 158.73 | 159.04 | 159.91 | 160.48 | 161.12 |
| 80.5 | 157.24 | 158.78 | 153.05 | 150.03 | 149.53 | 149.23 | 149.63 | 150.40 | 150.86 | 151.26 |
| 81.0 | 146.91 | 150.35 | 144.26 | 140.82 | 140.28 | 139.82 | 140.29 | 140.93 | 141.27 | 141.43 |
| 81.5 | 145.41 | 141.62 | 135.63 | 131.91 | 131.11 | 130.61 | 131.03 | 131.51 | 131.71 | 131.63 |
| 82.0 | 143.91 | 131.25 | 126.07 | 123.29 | 122.05 | 121.58 | 121.85 | 122.12 | 122.17 | 121.84 |
| 82.5 | 127.53 | 119.28 | 115.91 | 115.12 | 113.08 | 112.60 | 112.74 | 112.75 | 112.64 | 112.07 |

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CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 83.0 | 111.15 | 109.92 | 105.96 | 106.52 | 104.20 | 103.68 | 103.67 | 103.42 | 103.14 | 102.88 |
| 83.5 | 103.16 | 100.57 | 96.20 | 97.51 | 95.34 | 94.82 | 94.64 | 94.11 | 93.66 | 95.82 |
| 84.0 | 95.17 | 90.95 | 86.59 | 88.12 | 86.12 | 85.99 | 85.65 | 84.83 | 86.55 | 88.76 |
| 84.5 | 87.14 | 82.28 | 77.64 | 78.32 | 77.17 | 77.21 | 76.70 | 76.95 | 79.63 | 81.72 |
| 85.0 | 79.10 | 74.22 | 69.56 | 69.31 | 68.48 | 68.47 | 67.96 | 70.23 | 72.72 | 74.69 |
| 85.5 | 71.88 | 66.85 | 61.67 | 60.61 | 60.02 | 59.76 | 61.43 | 63.52 | 65.82 | 67.67 |
| 86.0 | 64.66 | 58.56 | 53.95 | 51.98 | 51.76 | 52.37 | 54.92 | 56.83 | 58.93 | 60.65 |
| 86.5 | 57.65 | 48.46 | 45.99 | 43.40 | 43.69 | 46.19 | 48.43 | 50.16 | 52.06 | 53.65 |
| 87.0 | 50.63 | 38.40 | 37.03 | 34.87 | 37.65 | 40.03 | 41.97 | 43.49 | 45.19 | 46.65 |
| 87.5 | 43.77 | 29.87 | 28.17 | 27.18 | 31.86 | 33.89 | 35.51 | 36.84 | 38.33 | 39.65 |
| 88.0 | 36.90 | 22.26 | 19.40 | 22.32 | 26.11 | 27.77 | 29.07 | 30.20 | 31.47 | 32.67 |
| 88.5 | 30.76 | 15.09 | 13.36 | 17.51 | 20.40 | 21.67 | 22.64 | 23.57 | 24.62 | 25.68 |
| 89.0 | 24.62 | 8.17 | 9.97 | 12.76 | 14.70 | 15.57 | 16.22 | 16.94 | 17.78 | 18.70 |
| 89.5 | 17.38 | 5.13 | 6.64 | 8.05 | 9.02 | 9.48 | 9.81 | 10.32 | 10.94 | 11.72 |
| 90.0 | 10.14 | 3.35 | 3.35 | 3.35 | 3.35 | 3.40 | 3.40 | 3.70 | 4.09 | 4.74 |
| 90.5 | 1.12 | 3.69 | 3.52 | 3.47 | 3.44 | 3.47 | 3.46 | 3.73 | 4.10 | 4.71 |
| 91.0 | 1.15 | 3.91 | 3.69 | 3.60 | 3.54 | 3.55 | 3.53 | 3.77 | 4.10 | 4.67 |
| 91.5 | 1.15 | 3.78 | 3.86 | 3.72 | 3.63 | 3.63 | 3.59 | 3.80 | 4.11 | 4.63 |
| 92.0 | 1.15 | 3.65 | 3.93 | 3.84 | 3.72 | 3.70 | 3.66 | 3.84 | 4.11 | 4.59 |
| 92.5 | 1.35 | 3.53 | 3.89 | 3.97 | 3.82 | 3.78 | 3.72 | 3.87 | 4.12 | 4.55 |
| 93.0 | 1.55 | 3.42 | 3.86 | 3.98 | 3.91 | 3.85 | 3.79 | 3.91 | 4.12 | 4.52 |
| 93.5 | 1.75 | 3.33 | 3.83 | 3.97 | 4.00 | 3.93 | 3.86 | 3.94 | 4.13 | 4.48 |
| 94.0 | 1.95 | 3.28 | 3.81 | 3.96 | 4.00 | 4.01 | 3.92 | 3.98 | 4.13 | 4.44 |
| 94.5 | 1.95 | 3.26 | 3.80 | 3.95 | 4.01 | 4.05 | 3.99 | 4.01 | 4.14 | 4.40 |
| 95.0 | 1.95 | 3.24 | 3.78 | 3.94 | 4.02 | 4.07 | 4.06 | 4.05 | 4.14 | 4.36 |
| 95.5 | 1.95 | 3.19 | 3.75 | 3.94 | 4.02 | 4.08 | 4.09 | 4.08 | 4.14 | 4.32 |
| 96.0 | 1.95 | 3.14 | 3.73 | 3.94 | 4.03 | 4.10 | 4.11 | 4.11 | 4.14 | 4.28 |
| 96.5 | 2.15 | 3.14 | 3.71 | 3.95 | 4.04 | 4.12 | 4.14 | 4.14 | 4.15 | 4.24 |
| 97.0 | 2.35 | 3.19 | 3.72 | 3.96 | 4.05 | 4.13 | 4.16 | 4.17 | 4.18 | 4.20 |
| 97.5 | 2.35 | 3.25 | 3.74 | 3.97 | 4.07 | 4.15 | 4.19 | 4.20 | 4.21 | 4.22 |
| 98.0 | 2.35 | 3.22 | 3.77 | 3.99 | 4.09 | 4.17 | 4.21 | 4.23 | 4.25 | 4.26 |
| 98.5 | 2.55 | 3.20 | 3.79 | 3.99 | 4.11 | 4.19 | 4.23 | 4.26 | 4.28 | 4.30 |
| 99.0 | 2.75 | 3.25 | 3.78 | 3.99 | 4.13 | 4.20 | 4.25 | 4.28 | 4.31 | 4.33 |
| 99.5 | 2.75 | 3.35 | 3.78 | 3.99 | 4.16 | 4.22 | 4.28 | 4.32 | 4.35 | 4.37 |
| 100.0 | 2.75 | 3.41 | 3.75 | 3.99 | 4.17 | 4.23 | 4.31 | 4.35 | 4.39 | 4.41 |
| 100.5 | 2.95 | 3.40 | 3.70 | 3.99 | 4.18 | 4.25 | 4.33 | 4.38 | 4.42 | 4.45 |
| 101.0 | 3.15 | 3.41 | 3.64 | 3.99 | 4.19 | 4.28 | 4.36 | 4.42 | 4.46 | 4.49 |
| 101.5 | 3.15 | 3.53 | 3.64 | 3.99 | 4.20 | 4.31 | 4.39 | 4.46 | 4.50 | 4.53 |
| 102.0 | 3.15 | 3.65 | 3.70 | 4.01 | 4.22 | 4.34 | 4.42 | 4.49 | 4.54 | 4.57 |
| 102.5 | 3.35 | 3.65 | 3.78 | 4.06 | 4.25 | 4.38 | 4.44 | 4.53 | 4.58 | 4.61 |
| 103.0 | 3.55 | 3.65 | 3.85 | 4.11 | 4.27 | 4.42 | 4.46 | 4.57 | 4.62 | 4.66 |
| 103.5 | 3.55 | 3.55 | 3.94 | 4.16 | 4.29 | 4.44 | 4.49 | 4.60 | 4.66 | 4.70 |
| 104.0 | 3.55 | 3.43 | 3.99 | 4.16 | 4.31 | 4.45 | 4.51 | 4.63 | 4.70 | 4.74 |
| 104.5 | 3.37 | 3.48 | 3.99 | 4.17 | 4.32 | 4.47 | 4.53 | 4.66 | 4.74 | 4.79 |
| 105.0 | 3.20 | 3.62 | 3.99 | 4.19 | 4.33 | 4.49 | 4.57 | 4.70 | 4.78 | 4.83 |
| 105.5 | 3.40 | 3.77 | 3.99 | 4.26 | 4.35 | 4.53 | 4.61 | 4.73 | 4.81 | 4.88 |
| 106.0 | 3.60 | 3.91 | 3.99 | 4.34 | 4.40 | 4.58 | 4.65 | 4.76 | 4.85 | 4.92 |
| 106.5 | 3.80 | 3.99 | 4.05 | 4.38 | 4.46 | 4.63 | 4.70 | 4.80 | 4.88 | 4.96 |
| 107.0 | 3.99 | 3.99 | 4.16 | 4.39 | 4.52 | 4.68 | 4.75 | 4.84 | 4.92 | 5.00 |
| 107.5 | 3.99 | 3.99 | 4.25 | 4.40 | 4.53 | 4.70 | 4.80 | 4.88 | 4.95 | 5.04 |
| 108.0 | 3.99 | 3.99 | 4.25 | 4.42 | 4.55 | 4.69 | 4.85 | 4.92 | 5.00 | 5.07 |
| 108.5 | 3.99 | 4.04 | 4.26 | 4.45 | 4.56 | 4.68 | 4.90 | 4.95 | 5.04 | 5.11 |
| 109.0 | 3.99 | 4.20 | 4.36 | 4.47 | 4.63 | 4.68 | 4.95 | 4.98 | 5.08 | 5.15 |
| 109.5 | 4.19 | 4.33 | 4.49 | 4.48 | 4.70 | 4.74 | 4.98 | 5.01 | 5.12 | 5.21 |
| 110.0 | 4.39 | 4.33 | 4.54 | 4.49 | 4.78 | 4.80 | 5.01 | 5.04 | 5.17 | 5.26 |
| 110.5 | 4.39 | 4.35 | 4.54 | 4.54 | 4.79 | 4.87 | 5.03 | 5.07 | 5.20 | 5.31 |

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CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|-------|------|------|------|------|------|------|------|------|------|------|
| 111.0 | 4.39 | 4.52 | 4.56 | 4.64 | 4.81 | 4.90 | 5.06 | 5.11 | 5.24 | 5.37 |
| 111.5 | 4.59 | 4.67 | 4.59 | 4.74 | 4.83 | 4.92 | 5.13 | 5.16 | 5.27 | 5.42 |
| 112.0 | 4.79 | 4.67 | 4.61 | 4.75 | 4.92 | 4.94 | 5.19 | 5.22 | 5.30 | 5.47 |
| 112.5 | 4.79 | 4.68 | 4.62 | 4.76 | 5.01 | 4.98 | 5.26 | 5.28 | 5.33 | 5.51 |
| 113.0 | 4.79 | 4.70 | 4.62 | 4.83 | 5.05 | 5.05 | 5.31 | 5.34 | 5.38 | 5.53 |
| 113.5 | 4.82 | 4.73 | 4.75 | 4.94 | 5.01 | 5.13 | 5.33 | 5.41 | 5.44 | 5.56 |
| 114.0 | 4.84 | 4.73 | 4.89 | 5.04 | 4.97 | 5.21 | 5.36 | 5.47 | 5.50 | 5.59 |
| 114.5 | 4.84 | 4.74 | 4.93 | 5.05 | 5.01 | 5.29 | 5.39 | 5.54 | 5.56 | 5.61 |
| 115.0 | 4.84 | 4.90 | 4.94 | 5.06 | 5.10 | 5.37 | 5.43 | 5.60 | 5.62 | 5.65 |
| 115.5 | 5.04 | 5.07 | 5.02 | 5.16 | 5.20 | 5.44 | 5.47 | 5.63 | 5.69 | 5.68 |
| 116.0 | 5.24 | 5.09 | 5.17 | 5.28 | 5.22 | 5.46 | 5.51 | 5.66 | 5.75 | 5.72 |
| 116.5 | 5.24 | 5.09 | 5.26 | 5.32 | 5.23 | 5.48 | 5.54 | 5.69 | 5.82 | 5.75 |
| 117.0 | 5.24 | 5.25 | 5.27 | 5.24 | 5.28 | 5.53 | 5.56 | 5.73 | 5.89 | 5.79 |
| 117.5 | 5.44 | 5.42 | 5.31 | 5.18 | 5.39 | 5.63 | 5.59 | 5.77 | 5.93 | 5.84 |
| 118.0 | 5.64 | 5.46 | 5.47 | 5.30 | 5.49 | 5.72 | 5.64 | 5.82 | 5.97 | 5.91 |
| 118.5 | 5.64 | 5.46 | 5.58 | 5.43 | 5.60 | 5.78 | 5.72 | 5.86 | 6.00 | 5.97 |
| 119.0 | 5.64 | 5.60 | 5.47 | 5.47 | 5.72 | 5.80 | 5.80 | 5.89 | 6.04 | 6.04 |
| 119.5 | 5.84 | 5.78 | 5.35 | 5.48 | 5.80 | 5.82 | 5.89 | 5.92 | 6.10 | 6.11 |
| 120.0 | 6.04 | 5.71 | 5.51 | 5.55 | 5.82 | 5.86 | 5.98 | 5.95 | 6.18 | 6.18 |
| 120.5 | 5.87 | 5.56 | 5.67 | 5.69 | 5.84 | 5.90 | 6.07 | 6.00 | 6.26 | 6.25 |
| 121.0 | 5.69 | 5.66 | 5.69 | 5.82 | 5.94 | 5.94 | 6.15 | 6.08 | 6.33 | 6.32 |
| 121.5 | 5.89 | 5.84 | 5.70 | 5.96 | 6.06 | 5.96 | 6.18 | 6.17 | 6.35 | 6.39 |
| 122.0 | 6.09 | 5.89 | 5.82 | 6.10 | 6.14 | 5.98 | 6.21 | 6.25 | 6.36 | 6.44 |
| 122.5 | 6.09 | 5.90 | 5.98 | 6.12 | 6.16 | 6.03 | 6.24 | 6.34 | 6.36 | 6.48 |
| 123.0 | 6.09 | 6.02 | 6.15 | 6.13 | 6.18 | 6.14 | 6.28 | 6.43 | 6.36 | 6.52 |
| 123.5 | 6.29 | 6.20 | 6.31 | 6.25 | 6.22 | 6.25 | 6.33 | 6.52 | 6.39 | 6.56 |
| 124.0 | 6.49 | 6.39 | 6.39 | 6.39 | 6.26 | 6.37 | 6.36 | 6.57 | 6.42 | 6.60 |
| 124.5 | 6.69 | 6.57 | 6.40 | 6.47 | 6.28 | 6.48 | 6.39 | 6.60 | 6.46 | 6.63 |
| 125.0 | 6.89 | 6.64 | 6.48 | 6.48 | 6.30 | 6.59 | 6.42 | 6.63 | 6.51 | 6.67 |
| 125.5 | 6.89 | 6.65 | 6.65 | 6.50 | 6.34 | 6.61 | 6.48 | 6.70 | 6.60 | 6.71 |
| 126.0 | 6.89 | 6.76 | 6.75 | 6.54 | 6.47 | 6.63 | 6.58 | 6.80 | 6.69 | 6.76 |
| 126.5 | 7.09 | 6.95 | 6.76 | 6.57 | 6.61 | 6.67 | 6.69 | 6.90 | 6.78 | 6.85 |
| 127.0 | 7.29 | 7.03 | 6.78 | 6.58 | 6.75 | 6.71 | 6.80 | 6.94 | 6.87 | 6.93 |
| 127.5 | 7.29 | 7.03 | 6.81 | 6.60 | 6.88 | 6.75 | 6.91 | 6.92 | 6.96 | 7.02 |
| 128.0 | 7.29 | 7.05 | 6.84 | 6.74 | 6.96 | 6.77 | 7.03 | 6.90 | 7.05 | 7.08 |
| 128.5 | 7.32 | 7.08 | 6.85 | 6.90 | 6.98 | 6.79 | 7.06 | 6.89 | 7.11 | 7.12 |
| 129.0 | 7.34 | 7.09 | 6.88 | 7.05 | 7.00 | 6.87 | 7.09 | 6.92 | 7.15 | 7.16 |
| 129.5 | 7.34 | 7.10 | 7.05 | 7.21 | 7.04 | 7.00 | 7.13 | 6.95 | 7.18 | 7.19 |
| 130.0 | 7.34 | 7.20 | 7.22 | 7.28 | 7.08 | 7.13 | 7.25 | 7.01 | 7.22 | 7.24 |
| 130.5 | 7.54 | 7.39 | 7.40 | 7.30 | 7.10 | 7.26 | 7.37 | 7.12 | 7.25 | 7.29 |
| 131.0 | 7.74 | 7.58 | 7.57 | 7.32 | 7.12 | 7.39 | 7.41 | 7.22 | 7.29 | 7.34 |
| 131.5 | 7.94 | 7.76 | 7.58 | 7.36 | 7.21 | 7.46 | 7.36 | 7.33 | 7.32 | 7.39 |
| 132.0 | 8.14 | 7.86 | 7.59 | 7.39 | 7.36 | 7.48 | 7.31 | 7.45 | 7.42 | 7.43 |
| 132.5 | 8.14 | 7.87 | 7.63 | 7.40 | 7.51 | 7.52 | 7.32 | 7.56 | 7.52 | 7.47 |
| 133.0 | 8.14 | 7.88 | 7.66 | 7.43 | 7.66 | 7.66 | 7.35 | 7.63 | 7.63 | 7.50 |
| 133.5 | 8.16 | 7.91 | 7.67 | 7.60 | 7.80 | 7.80 | 7.39 | 7.66 | 7.68 | 7.54 |
| 134.0 | 8.19 | 7.93 | 7.68 | 7.76 | 7.82 | 7.78 | 7.52 | 7.69 | 7.72 | 7.57 |
| 134.5 | 8.19 | 7.94 | 7.82 | 7.93 | 7.84 | 7.71 | 7.65 | 7.72 | 7.75 | 7.61 |
| 135.0 | 8.19 | 8.02 | 8.00 | 8.09 | 7.97 | 7.67 | 7.78 | 7.75 | 7.79 | 7.65 |
| 135.5 | 8.39 | 8.21 | 8.18 | 8.13 | 8.12 | 7.69 | 7.91 | 7.78 | 7.84 | 7.75 |
| 136.0 | 8.59 | 8.40 | 8.36 | 8.15 | 8.14 | 7.71 | 8.04 | 7.89 | 7.89 | 7.85 |
| 136.5 | 8.79 | 8.59 | 8.43 | 8.27 | 8.04 | 7.85 | 8.06 | 8.01 | 7.94 | 7.95 |
| 137.0 | 8.99 | 8.71 | 8.44 | 8.44 | 7.98 | 7.99 | 8.09 | 8.13 | 7.97 | 8.02 |
| 137.5 | 8.99 | 8.71 | 8.55 | 8.45 | 8.00 | 8.14 | 8.12 | 8.16 | 8.00 | 8.05 |
| 138.0 | 8.99 | 8.79 | 8.73 | 8.33 | 8.03 | 8.28 | 8.14 | 8.19 | 8.03 | 8.09 |
| 138.5 | 9.19 | 8.99 | 8.74 | 8.27 | 8.18 | 8.40 | 8.17 | 8.23 | 8.07 | 8.14 |

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CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 139.0 | 9.39 | 9.04 | 8.60 | 8.28 | 8.34 | 8.43 | 8.30 | 8.28 | 8.10 | 8.25 |
| 139.5 | 9.21 | 8.89 | 8.53 | 8.34 | 8.50 | 8.45 | 8.44 | 8.32 | 8.17 | 8.36 |
| 140.0 | 9.04 | 8.79 | 8.54 | 8.51 | 8.67 | 8.47 | 8.53 | 8.36 | 8.29 | 8.47 |
| 140.5 | 9.04 | 8.79 | 8.63 | 8.69 | 8.74 | 8.49 | 8.56 | 8.39 | 8.41 | 8.52 |
| 141.0 | 9.04 | 8.86 | 8.81 | 8.86 | 8.75 | 8.58 | 8.59 | 8.42 | 8.49 | 8.56 |
| 141.5 | 9.24 | 9.06 | 9.00 | 9.02 | 8.77 | 8.74 | 8.63 | 8.45 | 8.52 | 8.59 |
| 142.0 | 9.44 | 9.25 | 9.18 | 9.04 | 8.79 | 8.87 | 8.68 | 8.48 | 8.56 | 8.68 |
| 142.5 | 9.64 | 9.44 | 9.31 | 9.05 | 8.84 | 8.89 | 8.71 | 8.53 | 8.64 | 8.80 |
| 143.0 | 9.84 | 9.57 | 9.32 | 9.07 | 9.01 | 8.91 | 8.74 | 8.67 | 8.77 | 8.92 |
| 143.5 | 9.84 | 9.58 | 9.33 | 9.08 | 9.17 | 8.95 | 8.77 | 8.80 | 8.90 | 9.00 |
| 144.0 | 9.84 | 9.58 | 9.33 | 9.23 | 9.19 | 9.00 | 8.79 | 8.88 | 8.96 | 9.04 |
| 144.5 | 9.84 | 9.59 | 9.39 | 9.41 | 9.21 | 9.03 | 8.82 | 8.91 | 8.99 | 9.08 |
| 145.0 | 9.84 | 9.65 | 9.57 | 9.47 | 9.25 | 9.05 | 8.91 | 8.94 | 9.03 | 9.12 |
| 145.5 | 10.04 | 9.85 | 9.73 | 9.48 | 9.29 | 9.07 | 9.06 | 9.07 | 9.14 | 9.16 |
| 146.0 | 10.24 | 9.98 | 9.74 | 9.51 | 9.31 | 9.09 | 9.20 | 9.21 | 9.28 | 9.19 |
| 146.5 | 10.24 | 9.99 | 9.75 | 9.55 | 9.33 | 9.12 | 9.22 | 9.32 | 9.41 | 9.23 |
| 147.0 | 10.24 | 10.00 | 9.78 | 9.57 | 9.35 | 9.27 | 9.25 | 9.35 | 9.45 | 9.29 |
| 147.5 | 10.26 | 10.03 | 9.81 | 9.59 | 9.37 | 9.44 | 9.36 | 9.38 | 9.48 | 9.34 |
| 148.0 | 10.29 | 10.05 | 9.82 | 9.60 | 9.43 | 9.50 | 9.51 | 9.49 | 9.52 | 9.39 |
| 148.5 | 10.29 | 10.06 | 9.83 | 9.61 | 9.60 | 9.53 | 9.64 | 9.64 | 9.55 | 9.43 |
| 149.0 | 10.29 | 10.06 | 9.84 | 9.68 | 9.76 | 9.60 | 9.67 | 9.78 | 9.59 | 9.47 |
| 149.5 | 10.29 | 10.07 | 9.85 | 9.87 | 9.78 | 9.77 | 9.69 | 9.81 | 9.63 | 9.50 |
| 150.0 | 10.29 | 10.12 | 10.04 | 10.01 | 9.79 | 9.92 | 9.83 | 9.84 | 9.68 | 9.62 |
| 150.5 | 10.49 | 10.32 | 10.23 | 10.02 | 9.96 | 9.94 | 9.99 | 9.87 | 9.73 | 9.76 |
| 151.0 | 10.69 | 10.46 | 10.25 | 10.06 | 10.14 | 9.97 | 10.09 | 9.90 | 9.77 | 9.89 |
| 151.5 | 10.69 | 10.47 | 10.26 | 10.25 | 10.19 | 10.11 | 10.12 | 9.93 | 9.81 | 9.94 |
| 152.0 | 10.69 | 10.52 | 10.44 | 10.42 | 10.21 | 10.29 | 10.15 | 9.98 | 9.84 | 9.98 |
| 152.5 | 10.89 | 10.72 | 10.63 | 10.43 | 10.33 | 10.37 | 10.17 | 10.03 | 9.96 | 10.02 |
| 153.0 | 11.09 | 10.87 | 10.66 | 10.45 | 10.51 | 10.39 | 10.20 | 10.07 | 10.11 | 10.14 |
| 153.5 | 11.09 | 10.87 | 10.67 | 10.63 | 10.62 | 10.42 | 10.24 | 10.10 | 10.25 | 10.28 |
| 154.0 | 11.09 | 10.92 | 10.83 | 10.82 | 10.63 | 10.44 | 10.29 | 10.13 | 10.28 | 10.42 |
| 154.5 | 11.29 | 11.12 | 11.03 | 10.85 | 10.65 | 10.46 | 10.33 | 10.27 | 10.32 | 10.47 |
| 155.0 | 11.48 | 11.28 | 11.07 | 10.87 | 10.67 | 10.51 | 10.36 | 10.43 | 10.39 | 10.51 |
| 155.5 | 11.48 | 11.28 | 11.08 | 10.88 | 10.69 | 10.55 | 10.38 | 10.54 | 10.54 | 10.55 |
| 156.0 | 11.48 | 11.29 | 11.09 | 10.89 | 10.73 | 10.58 | 10.53 | 10.58 | 10.69 | 10.59 |
| 156.5 | 11.48 | 11.29 | 11.10 | 10.93 | 10.77 | 10.60 | 10.70 | 10.61 | 10.77 | 10.63 |
| 157.0 | 11.48 | 11.30 | 11.12 | 10.96 | 10.79 | 10.71 | 10.80 | 10.75 | 10.81 | 10.67 |
| 157.5 | 11.51 | 11.33 | 11.16 | 10.98 | 10.81 | 10.89 | 10.82 | 10.91 | 10.84 | 10.70 |
| 158.0 | 11.53 | 11.35 | 11.17 | 11.00 | 10.97 | 11.01 | 10.87 | 11.03 | 10.88 | 10.74 |
| 158.5 | 11.53 | 11.36 | 11.18 | 11.11 | 11.15 | 11.04 | 11.05 | 11.06 | 10.91 | 10.78 |
| 159.0 | 11.53 | 11.40 | 11.32 | 11.30 | 11.22 | 11.08 | 11.22 | 11.09 | 10.95 | 10.92 |
| 159.5 | 11.73 | 11.59 | 11.52 | 11.41 | 11.24 | 11.26 | 11.28 | 11.12 | 10.98 | 11.07 |
| 160.0 | 11.93 | 11.76 | 11.59 | 11.42 | 11.35 | 11.44 | 11.30 | 11.16 | 11.02 | 11.22 |
| 160.5 | 11.93 | 11.77 | 11.60 | 11.51 | 11.54 | 11.48 | 11.33 | 11.19 | 11.11 | 11.16 |
| 161.0 | 11.93 | 11.80 | 11.72 | 11.70 | 11.66 | 11.51 | 11.36 | 11.22 | 11.28 | 11.10 |
| 161.5 | 12.13 | 12.00 | 11.92 | 11.84 | 11.68 | 11.53 | 11.39 | 11.25 | 11.44 | 11.05 |
| 162.0 | 12.33 | 12.17 | 12.01 | 11.85 | 11.70 | 11.55 | 11.41 | 11.40 | 11.41 | 11.09 |
| 162.5 | 12.33 | 12.18 | 12.02 | 11.87 | 11.72 | 11.58 | 11.44 | 11.57 | 11.33 | 11.13 |
| 163.0 | 12.33 | 12.18 | 12.03 | 11.88 | 11.74 | 11.60 | 11.58 | 11.65 | 11.27 | 11.19 |
| 163.5 | 12.33 | 12.19 | 12.04 | 11.90 | 11.76 | 11.65 | 11.76 | 11.56 | 11.31 | 11.32 |
| 164.0 | 12.33 | 12.19 | 12.05 | 11.91 | 11.77 | 11.84 | 11.82 | 11.47 | 11.34 | 11.46 |
| 164.5 | 12.33 | 12.20 | 12.06 | 11.94 | 11.96 | 12.03 | 11.71 | 11.48 | 11.43 | 11.61 |
| 165.0 | 12.33 | 12.22 | 12.16 | 12.14 | 12.16 | 11.92 | 11.62 | 11.51 | 11.58 | 11.77 |
| 165.5 | 12.53 | 12.42 | 12.36 | 12.33 | 12.08 | 11.80 | 11.65 | 11.59 | 11.73 | 11.93 |
| 166.0 | 12.73 | 12.58 | 12.40 | 12.19 | 11.94 | 11.78 | 11.67 | 11.75 | 11.89 | 11.99 |
| 166.5 | 12.56 | 12.42 | 12.24 | 12.04 | 11.91 | 11.81 | 11.81 | 11.90 | 12.06 | 11.92 |

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CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 167.0 | 12.38 | 12.27 | 12.15 | 12.04 | 11.93 | 11.90 | 11.97 | 12.08 | 12.18 | 11.86 |
| 167.5 | 12.38 | 12.27 | 12.16 | 12.06 | 12.04 | 12.07 | 12.14 | 12.26 | 12.10 | 11.85 |
| 168.0 | 12.38 | 12.29 | 12.24 | 12.21 | 12.21 | 12.25 | 12.33 | 12.31 | 12.02 | 11.89 |
| 168.5 | 12.56 | 12.47 | 12.41 | 12.38 | 12.39 | 12.44 | 12.48 | 12.21 | 12.00 | 11.92 |
| 169.0 | 12.73 | 12.65 | 12.60 | 12.58 | 12.59 | 12.60 | 12.37 | 12.12 | 12.04 | 12.04 |
| 169.5 | 12.93 | 12.85 | 12.80 | 12.78 | 12.69 | 12.48 | 12.25 | 12.15 | 12.07 | 12.19 |
| 170.0 | 13.13 | 13.02 | 12.89 | 12.73 | 12.55 | 12.35 | 12.25 | 12.18 | 12.22 | 12.34 |
| 170.5 | 12.96 | 12.86 | 12.73 | 12.58 | 12.44 | 12.36 | 12.28 | 12.28 | 12.37 | 12.41 |
| 171.0 | 12.78 | 12.70 | 12.62 | 12.54 | 12.46 | 12.38 | 12.38 | 12.45 | 12.50 | 12.46 |
| 171.5 | 12.78 | 12.70 | 12.63 | 12.55 | 12.48 | 12.50 | 12.55 | 12.60 | 12.55 | 12.52 |
| 172.0 | 12.78 | 12.72 | 12.68 | 12.66 | 12.66 | 12.68 | 12.69 | 12.65 | 12.61 | 12.56 |
| 172.5 | 12.96 | 12.90 | 12.86 | 12.84 | 12.83 | 12.79 | 12.74 | 12.70 | 12.65 | 12.60 |
| 173.0 | 13.13 | 13.07 | 13.00 | 12.94 | 12.89 | 12.84 | 12.79 | 12.74 | 12.69 | 12.64 |
| 173.5 | 13.16 | 13.10 | 13.04 | 12.98 | 12.93 | 12.88 | 12.82 | 12.77 | 12.72 | 12.68 |
| 174.0 | 13.18 | 13.12 | 13.07 | 13.01 | 12.96 | 12.90 | 12.85 | 12.80 | 12.76 | 12.72 |
| 174.5 | 13.18 | 13.13 | 13.08 | 13.03 | 12.98 | 12.93 | 12.88 | 12.84 | 12.79 | 12.75 |
| 175.0 | 13.18 | 13.13 | 13.09 | 13.04 | 12.99 | 12.95 | 12.91 | 12.87 | 12.83 | 12.79 |
| 175.5 | 13.18 | 13.14 | 13.10 | 13.05 | 13.01 | 12.97 | 12.94 | 12.90 | 12.86 | 12.83 |
| 176.0 | 13.18 | 13.14 | 13.11 | 13.07 | 13.03 | 13.00 | 12.96 | 12.93 | 12.90 | 12.87 |
| 176.5 | 13.18 | 13.15 | 13.12 | 13.08 | 13.05 | 13.02 | 12.99 | 12.96 | 12.94 | 12.91 |
| 177.0 | 13.18 | 13.15 | 13.13 | 13.10 | 13.07 | 13.04 | 13.02 | 12.99 | 12.97 | 12.95 |
| 177.5 | 13.18 | 13.16 | 13.13 | 13.11 | 13.09 | 13.07 | 13.05 | 13.03 | 13.01 | 12.99 |
| 178.0 | 13.18 | 13.16 | 13.14 | 13.13 | 13.11 | 13.09 | 13.07 | 13.06 | 13.04 | 13.03 |
| 178.5 | 13.18 | 13.17 | 13.15 | 13.14 | 13.13 | 13.11 | 13.10 | 13.09 | 13.08 | 13.07 |
| 179.0 | 13.18 | 13.17 | 13.16 | 13.15 | 13.15 | 13.14 | 13.13 | 13.12 | 13.11 | 13.10 |
| 179.5 | 13.18 | 13.18 | 13.17 | 13.17 | 13.16 | 13.16 | 13.16 | 13.15 | 13.15 | 13.14 |
| 180.0 | 13.18 | 13.18 | 13.18 | 13.18 | 13.18 | 13.18 | 13.18 | 13.18 | 13.18 | 13.18 |

Vert. Horizontal Angles

| | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 |
|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 0.0 | 1302.14 | 1302.14 | 1302.14 | 1302.14 | 1302.14 | 1302.14 | 1302.14 | 1302.14 | 1302.14 |
| 0.5 | 1301.83 | 1301.78 | 1301.73 | 1301.69 | 1301.65 | 1301.62 | 1301.59 | 1301.56 | 1302.36 |
| 1.0 | 1301.52 | 1301.43 | 1301.34 | 1301.25 | 1301.18 | 1301.11 | 1301.05 | 1300.99 | 1302.58 |
| 1.5 | 1301.22 | 1301.08 | 1300.94 | 1300.82 | 1300.70 | 1300.60 | 1300.50 | 1300.42 | 1302.78 |
| 2.0 | 1300.87 | 1300.70 | 1300.55 | 1300.38 | 1300.23 | 1300.09 | 1299.96 | 1299.85 | 1302.98 |
| 2.5 | 1300.49 | 1300.28 | 1300.10 | 1299.94 | 1299.76 | 1299.58 | 1299.42 | 1299.28 | 1302.68 |
| 3.0 | 1300.09 | 1299.85 | 1299.63 | 1299.44 | 1299.28 | 1299.07 | 1298.88 | 1298.71 | 1302.38 |
| 3.5 | 1299.49 | 1299.39 | 1299.14 | 1298.93 | 1298.75 | 1298.57 | 1298.34 | 1298.14 | 1301.96 |
| 4.0 | 1298.83 | 1298.72 | 1298.64 | 1298.41 | 1298.21 | 1298.05 | 1297.81 | 1297.58 | 1301.54 |
| 4.5 | 1298.19 | 1298.06 | 1297.97 | 1297.86 | 1297.65 | 1297.49 | 1297.27 | 1297.01 | 1300.81 |
| 5.0 | 1297.46 | 1297.40 | 1297.30 | 1297.25 | 1297.09 | 1296.92 | 1296.74 | 1296.44 | 1300.09 |
| 5.5 | 1296.69 | 1296.68 | 1296.63 | 1296.57 | 1296.51 | 1296.34 | 1296.20 | 1295.88 | 1299.04 |
| 6.0 | 1295.91 | 1295.90 | 1295.97 | 1295.90 | 1295.89 | 1295.75 | 1295.65 | 1295.31 | 1297.99 |
| 6.5 | 1295.03 | 1295.12 | 1295.20 | 1295.24 | 1295.22 | 1295.15 | 1295.06 | 1294.75 | 1296.72 |
| 7.0 | 1294.07 | 1294.33 | 1294.42 | 1294.58 | 1294.55 | 1294.53 | 1294.46 | 1294.18 | 1295.44 |
| 7.5 | 1293.12 | 1293.39 | 1293.64 | 1293.83 | 1293.89 | 1293.91 | 1293.86 | 1293.62 | 1293.80 |
| 8.0 | 1292.10 | 1292.45 | 1292.85 | 1293.06 | 1293.23 | 1293.27 | 1293.25 | 1293.06 | 1292.15 |
| 8.5 | 1291.00 | 1291.51 | 1291.94 | 1292.29 | 1292.57 | 1292.60 | 1292.63 | 1292.50 | 1290.35 |
| 9.0 | 1289.90 | 1290.50 | 1291.02 | 1291.51 | 1291.88 | 1291.95 | 1292.01 | 1291.94 | 1288.55 |
| 9.5 | 1288.74 | 1289.44 | 1290.11 | 1290.73 | 1291.12 | 1291.29 | 1291.38 | 1291.37 | 1286.58 |
| 10.0 | 1287.40 | 1288.39 | 1289.19 | 1289.84 | 1290.36 | 1290.64 | 1290.74 | 1290.81 | 1284.61 |
| 10.5 | 1286.06 | 1287.34 | 1288.19 | 1288.96 | 1289.60 | 1289.19 | 1288.29 | 1287.78 | 1282.51 |
| 11.0 | 1284.69 | 1286.06 | 1287.18 | 1288.08 | 1286.98 | 1285.98 | 1285.05 | 1284.55 | 1280.41 |
| 11.5 | 1283.21 | 1284.77 | 1286.18 | 1284.85 | 1283.73 | 1282.76 | 1281.82 | 1281.32 | 1278.22 |
| 12.0 | 1281.74 | 1283.48 | 1282.93 | 1281.56 | 1280.44 | 1279.48 | 1278.58 | 1278.05 | 1276.02 |

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CANDELA TABULATION - (Cont.)

| | | | | | | | | | |
|------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 12.5 | 1280.27 | 1280.61 | 1279.45 | 1278.21 | 1277.12 | 1276.19 | 1275.33 | 1274.79 | 1273.20 |
| 13.0 | 1278.64 | 1277.06 | 1275.94 | 1274.87 | 1273.80 | 1272.89 | 1272.08 | 1271.52 | 1270.38 |
| 13.5 | 1275.13 | 1273.53 | 1272.42 | 1271.53 | 1270.48 | 1269.60 | 1268.82 | 1268.25 | 1267.68 |
| 14.0 | 1271.61 | 1270.01 | 1268.91 | 1268.19 | 1267.17 | 1266.31 | 1265.56 | 1264.99 | 1264.98 |
| 14.5 | 1267.87 | 1266.44 | 1265.36 | 1264.79 | 1263.86 | 1263.02 | 1262.30 | 1261.73 | 1261.74 |
| 15.0 | 1264.09 | 1262.85 | 1261.82 | 1261.25 | 1260.52 | 1259.74 | 1259.03 | 1258.47 | 1258.49 |
| 15.5 | 1260.32 | 1259.25 | 1258.30 | 1257.72 | 1257.15 | 1256.45 | 1255.76 | 1255.21 | 1255.05 |
| 16.0 | 1256.48 | 1255.57 | 1254.79 | 1254.18 | 1253.79 | 1253.13 | 1252.48 | 1251.95 | 1251.60 |
| 16.5 | 1252.62 | 1251.78 | 1251.20 | 1250.64 | 1250.42 | 1249.80 | 1249.20 | 1248.69 | 1248.16 |
| 17.0 | 1248.75 | 1247.99 | 1247.56 | 1247.11 | 1247.06 | 1246.47 | 1245.92 | 1245.44 | 1244.71 |
| 17.5 | 1244.78 | 1244.20 | 1243.91 | 1243.60 | 1243.70 | 1243.14 | 1242.63 | 1242.18 | 1240.12 |
| 18.0 | 1240.67 | 1240.36 | 1240.25 | 1240.10 | 1240.28 | 1239.81 | 1239.33 | 1238.93 | 1235.52 |
| 18.5 | 1236.56 | 1236.49 | 1236.53 | 1236.62 | 1236.75 | 1236.49 | 1236.03 | 1235.68 | 1231.33 |
| 19.0 | 1232.44 | 1232.64 | 1232.75 | 1233.15 | 1233.22 | 1233.17 | 1232.72 | 1232.43 | 1227.13 |
| 19.5 | 1228.27 | 1228.75 | 1228.97 | 1229.58 | 1229.69 | 1229.85 | 1229.42 | 1229.19 | 1223.29 |
| 20.0 | 1224.10 | 1224.66 | 1225.20 | 1225.92 | 1226.16 | 1226.50 | 1226.12 | 1225.94 | 1219.44 |
| 20.5 | 1219.95 | 1220.57 | 1221.41 | 1222.26 | 1222.63 | 1223.14 | 1221.94 | 1220.89 | 1214.83 |
| 21.0 | 1215.80 | 1216.48 | 1217.58 | 1218.58 | 1219.12 | 1218.33 | 1216.58 | 1215.54 | 1210.21 |
| 21.5 | 1211.65 | 1212.37 | 1213.76 | 1214.89 | 1214.34 | 1212.92 | 1211.23 | 1210.19 | 1205.51 |
| 22.0 | 1207.51 | 1208.26 | 1209.95 | 1210.71 | 1208.87 | 1207.49 | 1205.87 | 1204.84 | 1200.82 |
| 22.5 | 1203.15 | 1204.15 | 1206.11 | 1205.02 | 1203.39 | 1202.04 | 1200.52 | 1199.48 | 1196.12 |
| 23.0 | 1198.75 | 1200.06 | 1201.30 | 1199.34 | 1197.91 | 1196.59 | 1195.17 | 1194.13 | 1191.43 |
| 23.5 | 1194.37 | 1195.96 | 1195.38 | 1193.66 | 1192.43 | 1191.13 | 1189.82 | 1188.78 | 1186.51 |
| 24.0 | 1189.94 | 1191.71 | 1189.48 | 1187.99 | 1186.94 | 1185.62 | 1184.45 | 1183.41 | 1181.59 |
| 24.5 | 1185.47 | 1185.84 | 1183.59 | 1182.29 | 1181.28 | 1180.07 | 1179.07 | 1178.03 | 1176.18 |
| 25.0 | 1181.02 | 1179.95 | 1177.70 | 1176.57 | 1175.62 | 1174.52 | 1173.70 | 1172.65 | 1170.76 |
| 25.5 | 1176.30 | 1173.87 | 1171.81 | 1170.86 | 1169.96 | 1168.98 | 1168.32 | 1167.26 | 1168.34 |
| 26.0 | 1170.09 | 1167.79 | 1165.93 | 1165.14 | 1164.31 | 1163.45 | 1162.94 | 1161.88 | 1165.91 |
| 26.5 | 1163.88 | 1161.72 | 1160.05 | 1159.43 | 1158.66 | 1157.91 | 1157.57 | 1156.51 | 1164.89 |
| 27.0 | 1157.68 | 1155.59 | 1154.17 | 1153.68 | 1153.01 | 1152.39 | 1152.20 | 1151.13 | 1163.87 |
| 27.5 | 1151.21 | 1149.36 | 1148.30 | 1147.82 | 1147.36 | 1146.87 | 1146.83 | 1145.75 | 1151.23 |
| 28.0 | 1144.72 | 1143.11 | 1142.43 | 1141.98 | 1141.70 | 1141.35 | 1141.45 | 1140.37 | 1138.60 |
| 28.5 | 1138.23 | 1136.85 | 1136.56 | 1136.14 | 1136.05 | 1135.84 | 1136.08 | 1134.99 | 1131.83 |
| 29.0 | 1132.14 | 1130.62 | 1130.68 | 1130.32 | 1130.40 | 1130.33 | 1130.72 | 1129.62 | 1125.07 |
| 29.5 | 1126.32 | 1124.40 | 1124.63 | 1124.50 | 1124.75 | 1124.82 | 1125.35 | 1124.24 | 1118.83 |
| 30.0 | 1120.43 | 1118.19 | 1118.58 | 1118.65 | 1119.12 | 1119.31 | 1119.98 | 1118.87 | 1112.58 |
| 30.5 | 1114.50 | 1111.98 | 1112.54 | 1112.81 | 1113.48 | 1113.79 | 1114.02 | 1111.79 | 1105.84 |
| 31.0 | 1108.75 | 1105.61 | 1106.50 | 1106.97 | 1107.80 | 1107.74 | 1106.41 | 1104.32 | 1099.10 |
| 31.5 | 1102.85 | 1099.17 | 1100.33 | 1101.14 | 1102.11 | 1100.19 | 1098.81 | 1096.84 | 1092.84 |
| 32.0 | 1096.80 | 1092.74 | 1094.08 | 1095.31 | 1094.69 | 1092.63 | 1091.21 | 1089.37 | 1086.57 |
| 32.5 | 1089.22 | 1086.32 | 1087.82 | 1089.48 | 1087.01 | 1085.08 | 1083.62 | 1081.90 | 1079.55 |
| 33.0 | 1081.23 | 1080.05 | 1081.54 | 1081.69 | 1079.33 | 1077.45 | 1076.04 | 1074.43 | 1072.54 |
| 33.5 | 1073.44 | 1073.77 | 1075.27 | 1073.91 | 1071.65 | 1069.82 | 1068.47 | 1066.96 | 1065.27 |
| 34.0 | 1066.02 | 1067.40 | 1067.99 | 1066.13 | 1063.96 | 1062.20 | 1060.91 | 1059.49 | 1058.01 |
| 34.5 | 1059.21 | 1060.96 | 1060.02 | 1058.35 | 1056.22 | 1054.58 | 1053.35 | 1052.02 | 1051.32 |
| 35.0 | 1052.43 | 1054.40 | 1052.06 | 1050.55 | 1048.49 | 1046.97 | 1045.80 | 1044.55 | 1044.62 |
| 35.5 | 1045.67 | 1046.76 | 1044.12 | 1042.64 | 1040.77 | 1039.36 | 1038.26 | 1037.08 | 1037.18 |
| 36.0 | 1038.87 | 1038.59 | 1036.09 | 1034.74 | 1033.05 | 1031.76 | 1030.73 | 1029.61 | 1029.74 |
| 36.5 | 1032.06 | 1030.43 | 1027.97 | 1026.84 | 1025.34 | 1024.17 | 1023.20 | 1022.15 | 1021.93 |
| 37.0 | 1025.25 | 1022.08 | 1019.84 | 1018.96 | 1017.64 | 1016.58 | 1015.68 | 1014.68 | 1014.11 |
| 37.5 | 1016.85 | 1013.70 | 1011.72 | 1011.08 | 1009.94 | 1008.96 | 1008.14 | 1007.20 | 1006.75 |
| 38.0 | 1008.29 | 1005.35 | 1003.60 | 1003.15 | 1002.18 | 1001.33 | 1000.61 | 999.71 | 999.38 |
| 38.5 | 999.75 | 997.02 | 995.50 | 995.16 | 994.42 | 993.70 | 993.07 | 992.22 | 991.49 |
| 39.0 | 991.22 | 988.71 | 987.42 | 987.19 | 986.66 | 986.07 | 985.54 | 984.73 | 983.60 |
| 39.5 | 982.68 | 980.42 | 979.34 | 979.24 | 978.90 | 978.44 | 978.00 | 977.24 | 973.94 |
| 40.0 | 974.10 | 972.13 | 971.26 | 971.30 | 971.15 | 970.81 | 970.46 | 969.75 | 964.28 |

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CANDELA TABULATION - (Cont.)

| | | | | | | | | | |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 40.5 | 965.53 | 963.83 | 963.19 | 963.39 | 963.40 | 963.17 | 962.73 | 961.08 | 956.69 |
| 41.0 | 956.95 | 955.55 | 955.13 | 955.51 | 955.65 | 955.49 | 953.71 | 952.10 | 949.10 |
| 41.5 | 948.42 | 947.30 | 947.08 | 947.65 | 947.90 | 946.39 | 944.69 | 943.11 | 940.74 |
| 42.0 | 939.92 | 939.07 | 939.04 | 939.81 | 939.46 | 937.30 | 935.68 | 934.13 | 932.37 |
| 42.5 | 931.43 | 930.86 | 931.01 | 931.97 | 930.26 | 928.20 | 926.66 | 925.15 | 923.53 |
| 43.0 | 922.96 | 922.64 | 922.99 | 923.53 | 921.07 | 919.10 | 917.65 | 916.16 | 914.70 |
| 43.5 | 914.08 | 914.30 | 914.89 | 914.21 | 911.88 | 910.00 | 908.64 | 907.18 | 906.63 |
| 44.0 | 905.27 | 905.97 | 906.76 | 904.82 | 902.70 | 900.91 | 899.64 | 898.20 | 898.57 |
| 44.5 | 896.53 | 897.66 | 897.48 | 895.34 | 893.53 | 891.82 | 890.64 | 889.22 | 889.85 |
| 45.0 | 887.87 | 889.37 | 887.94 | 885.89 | 884.36 | 882.73 | 881.62 | 880.24 | 881.14 |
| 45.5 | 879.30 | 880.96 | 878.41 | 876.45 | 875.13 | 873.65 | 872.59 | 871.26 | 871.93 |
| 46.0 | 870.75 | 871.62 | 868.85 | 867.04 | 865.89 | 864.56 | 863.57 | 862.28 | 862.71 |
| 46.5 | 862.22 | 861.77 | 859.25 | 857.65 | 856.65 | 855.49 | 854.55 | 853.31 | 854.15 |
| 47.0 | 853.65 | 851.95 | 849.67 | 848.28 | 847.42 | 846.41 | 845.54 | 844.33 | 845.59 |
| 47.5 | 844.86 | 842.16 | 840.11 | 838.90 | 838.19 | 837.34 | 836.52 | 835.35 | 836.22 |
| 48.0 | 834.94 | 832.48 | 830.57 | 829.52 | 828.96 | 828.22 | 827.50 | 826.37 | 826.86 |
| 48.5 | 824.76 | 822.82 | 821.04 | 820.14 | 819.72 | 819.11 | 818.49 | 817.40 | 817.57 |
| 49.0 | 814.63 | 813.17 | 811.57 | 810.77 | 810.50 | 810.00 | 809.48 | 808.42 | 808.29 |
| 49.5 | 804.64 | 803.53 | 802.12 | 801.41 | 801.23 | 800.88 | 800.47 | 799.45 | 799.27 |
| 50.0 | 794.67 | 793.82 | 792.67 | 792.05 | 791.96 | 791.77 | 791.46 | 790.47 | 790.26 |
| 50.5 | 784.71 | 783.92 | 783.23 | 782.71 | 782.69 | 782.65 | 782.28 | 780.55 | 779.10 |
| 51.0 | 774.78 | 774.01 | 773.80 | 773.37 | 773.42 | 773.48 | 772.03 | 770.37 | 767.94 |
| 51.5 | 764.73 | 764.08 | 764.34 | 764.04 | 764.15 | 763.15 | 761.77 | 760.20 | 758.28 |
| 52.0 | 754.70 | 754.14 | 754.80 | 754.71 | 754.30 | 752.84 | 751.52 | 750.02 | 748.61 |
| 52.5 | 744.70 | 744.26 | 745.26 | 745.39 | 743.88 | 742.53 | 741.26 | 739.84 | 739.38 |
| 53.0 | 734.74 | 734.55 | 735.73 | 735.47 | 733.48 | 732.23 | 731.01 | 729.66 | 730.14 |
| 53.5 | 724.84 | 724.85 | 726.21 | 724.96 | 723.09 | 721.93 | 720.74 | 719.48 | 720.23 |
| 54.0 | 714.99 | 715.19 | 716.69 | 714.47 | 712.72 | 711.61 | 710.48 | 709.30 | 710.31 |
| 54.5 | 705.16 | 705.55 | 706.03 | 703.94 | 702.37 | 701.30 | 700.21 | 699.11 | 700.15 |
| 55.0 | 695.34 | 695.92 | 695.35 | 693.41 | 692.02 | 690.99 | 689.95 | 688.93 | 689.99 |
| 55.5 | 685.53 | 686.21 | 684.68 | 682.89 | 681.68 | 680.68 | 679.69 | 678.75 | 680.45 |
| 56.0 | 675.57 | 675.42 | 674.02 | 672.37 | 671.34 | 670.38 | 669.43 | 668.57 | 670.92 |
| 56.5 | 665.62 | 664.63 | 663.38 | 661.87 | 661.01 | 660.08 | 659.18 | 658.39 | 660.63 |
| 57.0 | 655.69 | 653.84 | 652.74 | 651.37 | 650.68 | 649.78 | 648.93 | 648.21 | 650.34 |
| 57.5 | 645.24 | 643.06 | 642.11 | 640.88 | 640.36 | 639.48 | 638.68 | 638.03 | 639.81 |
| 58.0 | 634.20 | 632.24 | 631.50 | 630.39 | 630.04 | 629.18 | 628.43 | 627.85 | 629.27 |
| 58.5 | 623.21 | 621.42 | 620.90 | 619.89 | 619.73 | 618.89 | 618.18 | 617.68 | 619.66 |
| 59.0 | 612.24 | 610.62 | 610.32 | 609.39 | 609.37 | 608.60 | 607.94 | 607.50 | 610.05 |
| 59.5 | 601.28 | 599.84 | 599.75 | 598.90 | 598.96 | 598.31 | 597.70 | 597.32 | 599.61 |
| 60.0 | 590.33 | 589.07 | 589.18 | 588.41 | 588.54 | 588.02 | 587.46 | 587.14 | 589.17 |
| 60.5 | 579.40 | 578.31 | 578.63 | 577.94 | 578.13 | 577.74 | 577.05 | 576.36 | 576.64 |
| 61.0 | 568.53 | 567.54 | 568.08 | 567.47 | 567.70 | 567.25 | 566.12 | 565.44 | 564.11 |
| 61.5 | 557.68 | 556.78 | 557.50 | 557.01 | 557.28 | 556.27 | 555.19 | 554.51 | 554.07 |
| 62.0 | 546.85 | 546.02 | 546.89 | 546.55 | 546.18 | 545.29 | 544.26 | 543.59 | 544.03 |
| 62.5 | 536.05 | 535.29 | 536.31 | 535.95 | 535.07 | 534.31 | 533.32 | 532.67 | 533.27 |
| 63.0 | 525.27 | 524.56 | 525.77 | 524.88 | 523.98 | 523.33 | 522.39 | 521.75 | 522.51 |
| 63.5 | 514.43 | 513.86 | 515.16 | 513.81 | 512.89 | 512.35 | 511.46 | 510.83 | 511.63 |
| 64.0 | 503.58 | 503.17 | 503.97 | 502.75 | 501.82 | 501.38 | 500.52 | 499.91 | 500.74 |
| 64.5 | 492.75 | 492.55 | 492.77 | 491.70 | 490.76 | 490.41 | 489.59 | 488.99 | 490.70 |
| 65.0 | 481.94 | 481.62 | 481.59 | 480.65 | 479.73 | 479.44 | 478.65 | 478.07 | 480.67 |
| 65.5 | 471.16 | 470.49 | 470.40 | 469.61 | 468.72 | 468.47 | 467.71 | 467.14 | 469.96 |
| 66.0 | 460.40 | 459.38 | 459.22 | 458.57 | 457.72 | 457.50 | 456.77 | 456.22 | 459.25 |
| 66.5 | 449.25 | 448.28 | 448.05 | 447.54 | 446.72 | 446.53 | 445.83 | 445.30 | 448.06 |
| 67.0 | 437.97 | 437.20 | 436.91 | 436.51 | 435.72 | 435.57 | 434.89 | 434.38 | 436.87 |
| 67.5 | 426.73 | 426.13 | 425.78 | 425.49 | 424.73 | 424.61 | 423.96 | 423.46 | 426.54 |
| 68.0 | 415.52 | 414.99 | 414.67 | 414.45 | 413.74 | 413.65 | 413.03 | 412.54 | 416.20 |

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CANDELA TABULATION - (Cont.)

| | | | | | | | | | |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 68.5 | 404.35 | 403.87 | 403.57 | 403.41 | 402.76 | 402.69 | 402.10 | 401.61 | 405.47 |
| 69.0 | 393.21 | 392.78 | 392.49 | 392.38 | 391.79 | 391.73 | 391.16 | 390.69 | 394.73 |
| 69.5 | 382.09 | 381.69 | 381.43 | 381.36 | 380.82 | 380.76 | 380.24 | 379.77 | 383.59 |
| 70.0 | 371.01 | 370.63 | 370.38 | 370.33 | 369.85 | 369.78 | 369.31 | 368.85 | 372.46 |
| 70.5 | 359.93 | 359.58 | 359.32 | 359.32 | 358.89 | 358.80 | 358.59 | 358.35 | 362.27 |
| 71.0 | 348.86 | 348.56 | 348.29 | 348.31 | 347.93 | 348.22 | 348.15 | 347.93 | 352.09 |
| 71.5 | 337.81 | 337.54 | 337.27 | 337.31 | 337.38 | 337.77 | 337.71 | 337.50 | 339.88 |
| 72.0 | 326.77 | 326.55 | 326.27 | 326.62 | 326.96 | 327.33 | 327.27 | 327.07 | 327.67 |
| 72.5 | 315.74 | 315.59 | 315.28 | 316.23 | 316.54 | 316.88 | 316.83 | 316.65 | 316.66 |
| 73.0 | 304.72 | 304.64 | 304.96 | 305.85 | 306.12 | 306.45 | 306.39 | 306.22 | 305.65 |
| 73.5 | 293.72 | 293.85 | 294.65 | 295.48 | 295.71 | 296.01 | 295.95 | 295.80 | 295.59 |
| 74.0 | 282.76 | 283.60 | 284.35 | 285.12 | 285.31 | 285.58 | 285.52 | 285.37 | 285.52 |
| 74.5 | 271.94 | 273.37 | 274.07 | 274.77 | 274.91 | 275.16 | 275.08 | 274.95 | 275.36 |
| 75.0 | 261.86 | 263.16 | 263.79 | 264.42 | 264.52 | 264.73 | 264.65 | 264.52 | 265.20 |
| 75.5 | 251.81 | 252.96 | 253.52 | 254.08 | 254.12 | 254.31 | 254.21 | 254.10 | 254.61 |
| 76.0 | 241.80 | 242.77 | 243.26 | 243.75 | 243.74 | 243.89 | 243.78 | 243.68 | 244.03 |
| 76.5 | 231.83 | 232.59 | 233.00 | 233.42 | 233.35 | 233.48 | 233.34 | 233.25 | 234.44 |
| 77.0 | 221.89 | 222.42 | 222.76 | 223.10 | 222.97 | 223.06 | 222.91 | 222.83 | 224.85 |
| 77.5 | 211.98 | 212.27 | 212.52 | 212.78 | 212.60 | 212.65 | 212.48 | 212.40 | 215.29 |
| 78.0 | 202.11 | 202.14 | 202.29 | 202.46 | 202.22 | 202.24 | 202.05 | 201.98 | 205.73 |
| 78.5 | 192.19 | 192.01 | 192.08 | 192.16 | 191.85 | 191.84 | 191.62 | 191.55 | 195.77 |
| 79.0 | 182.20 | 181.90 | 181.87 | 181.85 | 181.49 | 181.43 | 181.19 | 181.13 | 185.81 |
| 79.5 | 172.20 | 171.81 | 171.67 | 171.55 | 171.12 | 171.03 | 170.76 | 170.71 | 176.69 |
| 80.0 | 162.21 | 161.72 | 161.48 | 161.26 | 160.76 | 160.63 | 160.33 | 160.28 | 167.58 |
| 80.5 | 152.21 | 151.65 | 151.29 | 150.97 | 150.40 | 151.17 | 151.90 | 152.47 | 157.24 |
| 81.0 | 142.21 | 141.59 | 141.11 | 141.12 | 142.36 | 143.60 | 144.31 | 144.88 | 146.91 |
| 81.5 | 132.21 | 131.53 | 131.94 | 133.64 | 134.84 | 136.04 | 136.73 | 137.28 | 145.41 |
| 82.0 | 122.21 | 122.67 | 124.52 | 126.15 | 127.32 | 128.47 | 129.15 | 129.68 | 143.91 |
| 82.5 | 113.22 | 115.34 | 117.11 | 118.67 | 119.80 | 120.90 | 121.56 | 122.09 | 127.53 |
| 83.0 | 105.86 | 108.02 | 109.70 | 111.20 | 112.29 | 113.34 | 113.98 | 114.49 | 111.15 |
| 83.5 | 98.53 | 100.69 | 102.30 | 103.73 | 104.78 | 105.77 | 106.40 | 106.89 | 103.16 |
| 84.0 | 91.24 | 93.38 | 94.89 | 96.26 | 97.26 | 98.21 | 98.81 | 99.30 | 95.17 |
| 84.5 | 83.97 | 86.07 | 87.50 | 88.79 | 89.75 | 90.65 | 91.23 | 91.70 | 87.14 |
| 85.0 | 76.73 | 78.76 | 80.10 | 81.33 | 82.24 | 83.08 | 83.65 | 84.10 | 79.10 |
| 85.5 | 69.52 | 71.46 | 72.71 | 73.87 | 74.74 | 75.52 | 76.07 | 76.51 | 71.88 |
| 86.0 | 62.33 | 64.16 | 65.32 | 66.41 | 67.23 | 67.96 | 68.49 | 68.91 | 64.66 |
| 86.5 | 55.15 | 56.86 | 57.94 | 58.95 | 59.72 | 60.40 | 60.90 | 61.31 | 57.65 |
| 87.0 | 48.00 | 49.57 | 50.56 | 51.50 | 52.21 | 52.84 | 53.32 | 53.72 | 50.63 |
| 87.5 | 40.86 | 42.28 | 43.18 | 44.04 | 44.71 | 45.28 | 45.74 | 46.12 | 43.77 |
| 88.0 | 33.73 | 34.99 | 35.80 | 36.59 | 37.21 | 37.72 | 38.16 | 38.53 | 36.90 |
| 88.5 | 26.61 | 27.70 | 28.42 | 29.14 | 29.70 | 30.16 | 30.58 | 30.93 | 30.76 |
| 89.0 | 19.50 | 20.41 | 21.04 | 21.69 | 22.20 | 22.61 | 23.00 | 23.33 | 24.62 |
| 89.5 | 12.40 | 13.13 | 13.67 | 14.24 | 14.69 | 15.05 | 15.42 | 15.74 | 17.38 |
| 90.0 | 5.29 | 5.84 | 6.29 | 6.79 | 7.19 | 7.49 | 7.84 | 8.14 | 10.14 |
| 90.5 | 5.22 | 5.74 | 6.18 | 6.65 | 7.04 | 7.33 | 7.66 | 7.95 | 1.12 |
| 91.0 | 5.16 | 5.65 | 6.06 | 6.52 | 6.89 | 7.16 | 7.48 | 7.76 | 1.15 |
| 91.5 | 5.09 | 5.55 | 5.95 | 6.38 | 6.74 | 7.00 | 7.31 | 7.58 | 1.15 |
| 92.0 | 5.02 | 5.45 | 5.83 | 6.24 | 6.59 | 6.84 | 7.13 | 7.39 | 1.15 |
| 92.5 | 4.95 | 5.36 | 5.72 | 6.10 | 6.43 | 6.68 | 6.95 | 7.20 | 1.35 |
| 93.0 | 4.89 | 5.26 | 5.60 | 5.97 | 6.28 | 6.51 | 6.78 | 7.01 | 1.55 |
| 93.5 | 4.82 | 5.16 | 5.49 | 5.83 | 6.13 | 6.35 | 6.60 | 6.82 | 1.75 |
| 94.0 | 4.75 | 5.07 | 5.38 | 5.69 | 5.98 | 6.19 | 6.42 | 6.64 | 1.95 |
| 94.5 | 4.68 | 4.97 | 5.26 | 5.55 | 5.83 | 6.03 | 6.24 | 6.45 | 1.95 |
| 95.0 | 4.62 | 4.87 | 5.15 | 5.42 | 5.68 | 5.86 | 6.07 | 6.26 | 1.95 |
| 95.5 | 4.55 | 4.78 | 5.03 | 5.28 | 5.53 | 5.70 | 5.89 | 6.07 | 1.95 |
| 96.0 | 4.48 | 4.68 | 4.92 | 5.14 | 5.38 | 5.54 | 5.71 | 5.88 | 1.95 |

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CANDELA TABULATION - (Cont.)

| | | | | | | | | | |
|-------|------|------|------|------|------|------|------|------|------|
| 96.5 | 4.41 | 4.58 | 4.80 | 5.00 | 5.22 | 5.38 | 5.54 | 5.70 | 2.15 |
| 97.0 | 4.34 | 4.48 | 4.69 | 4.87 | 5.07 | 5.21 | 5.36 | 5.51 | 2.35 |
| 97.5 | 4.27 | 4.39 | 4.57 | 4.73 | 4.92 | 5.05 | 5.18 | 5.32 | 2.35 |
| 98.0 | 4.27 | 4.29 | 4.45 | 4.59 | 4.77 | 4.89 | 5.01 | 5.13 | 2.35 |
| 98.5 | 4.31 | 4.27 | 4.34 | 4.45 | 4.62 | 4.73 | 4.83 | 4.94 | 2.55 |
| 99.0 | 4.35 | 4.31 | 4.32 | 4.32 | 4.47 | 4.56 | 4.65 | 4.76 | 2.75 |
| 99.5 | 4.38 | 4.36 | 4.37 | 4.34 | 4.35 | 4.40 | 4.48 | 4.57 | 2.75 |
| 100.0 | 4.42 | 4.40 | 4.41 | 4.39 | 4.40 | 4.38 | 4.37 | 4.40 | 2.75 |
| 100.5 | 4.46 | 4.45 | 4.46 | 4.43 | 4.45 | 4.43 | 4.42 | 4.45 | 2.95 |
| 101.0 | 4.50 | 4.49 | 4.50 | 4.48 | 4.50 | 4.48 | 4.48 | 4.51 | 3.15 |
| 101.5 | 4.54 | 4.54 | 4.55 | 4.53 | 4.55 | 4.54 | 4.54 | 4.56 | 3.15 |
| 102.0 | 4.58 | 4.58 | 4.59 | 4.58 | 4.60 | 4.59 | 4.59 | 4.62 | 3.15 |
| 102.5 | 4.62 | 4.63 | 4.64 | 4.63 | 4.65 | 4.64 | 4.65 | 4.67 | 3.35 |
| 103.0 | 4.66 | 4.67 | 4.68 | 4.68 | 4.71 | 4.69 | 4.70 | 4.73 | 3.55 |
| 103.5 | 4.70 | 4.72 | 4.73 | 4.73 | 4.76 | 4.75 | 4.76 | 4.78 | 3.55 |
| 104.0 | 4.74 | 4.76 | 4.78 | 4.78 | 4.81 | 4.80 | 4.82 | 4.84 | 3.55 |
| 104.5 | 4.79 | 4.81 | 4.82 | 4.83 | 4.86 | 4.85 | 4.87 | 4.89 | 3.37 |
| 105.0 | 4.83 | 4.85 | 4.87 | 4.88 | 4.91 | 4.91 | 4.93 | 4.95 | 3.20 |
| 105.5 | 4.87 | 4.90 | 4.91 | 4.92 | 4.96 | 4.96 | 4.98 | 5.00 | 3.40 |
| 106.0 | 4.92 | 4.94 | 4.96 | 4.97 | 5.01 | 5.02 | 5.04 | 5.06 | 3.60 |
| 106.5 | 4.96 | 4.98 | 5.00 | 5.02 | 5.06 | 5.07 | 5.09 | 5.11 | 3.80 |
| 107.0 | 5.01 | 5.03 | 5.05 | 5.07 | 5.11 | 5.12 | 5.15 | 5.17 | 3.99 |
| 107.5 | 5.06 | 5.07 | 5.09 | 5.12 | 5.16 | 5.18 | 5.20 | 5.23 | 3.99 |
| 108.0 | 5.11 | 5.12 | 5.14 | 5.17 | 5.21 | 5.23 | 5.26 | 5.28 | 3.99 |
| 108.5 | 5.16 | 5.16 | 5.18 | 5.22 | 5.26 | 5.29 | 5.31 | 5.34 | 3.99 |
| 109.0 | 5.21 | 5.21 | 5.23 | 5.27 | 5.31 | 5.35 | 5.36 | 5.39 | 3.99 |
| 109.5 | 5.26 | 5.26 | 5.27 | 5.31 | 5.36 | 5.40 | 5.42 | 5.45 | 4.19 |
| 110.0 | 5.31 | 5.31 | 5.32 | 5.36 | 5.42 | 5.46 | 5.47 | 5.50 | 4.39 |
| 110.5 | 5.36 | 5.36 | 5.37 | 5.41 | 5.47 | 5.51 | 5.53 | 5.56 | 4.39 |
| 111.0 | 5.41 | 5.41 | 5.42 | 5.46 | 5.53 | 5.57 | 5.58 | 5.61 | 4.39 |
| 111.5 | 5.45 | 5.46 | 5.47 | 5.51 | 5.58 | 5.62 | 5.63 | 5.67 | 4.59 |
| 112.0 | 5.49 | 5.51 | 5.52 | 5.56 | 5.64 | 5.67 | 5.69 | 5.72 | 4.79 |
| 112.5 | 5.53 | 5.55 | 5.58 | 5.60 | 5.69 | 5.73 | 5.74 | 5.78 | 4.79 |
| 113.0 | 5.57 | 5.60 | 5.63 | 5.66 | 5.75 | 5.78 | 5.79 | 5.83 | 4.79 |
| 113.5 | 5.61 | 5.64 | 5.68 | 5.71 | 5.80 | 5.83 | 5.85 | 5.89 | 4.82 |
| 114.0 | 5.65 | 5.68 | 5.74 | 5.76 | 5.86 | 5.88 | 5.90 | 5.94 | 4.84 |
| 114.5 | 5.69 | 5.72 | 5.80 | 5.81 | 5.92 | 5.93 | 5.95 | 6.00 | 4.84 |
| 115.0 | 5.74 | 5.77 | 5.85 | 5.87 | 5.98 | 5.99 | 6.00 | 6.05 | 4.84 |
| 115.5 | 5.78 | 5.81 | 5.89 | 5.92 | 6.03 | 6.04 | 6.06 | 6.11 | 5.04 |
| 116.0 | 5.82 | 5.85 | 5.94 | 5.97 | 6.09 | 6.09 | 6.11 | 6.16 | 5.24 |
| 116.5 | 5.86 | 5.89 | 5.99 | 6.02 | 6.14 | 6.14 | 6.16 | 6.22 | 5.24 |
| 117.0 | 5.90 | 5.93 | 6.03 | 6.08 | 6.19 | 6.19 | 6.21 | 6.27 | 5.24 |
| 117.5 | 5.96 | 5.97 | 6.08 | 6.13 | 6.24 | 6.24 | 6.27 | 6.33 | 5.44 |
| 118.0 | 6.03 | 6.02 | 6.12 | 6.18 | 6.29 | 6.28 | 6.32 | 6.38 | 5.64 |
| 118.5 | 6.09 | 6.06 | 6.17 | 6.23 | 6.34 | 6.33 | 6.37 | 6.44 | 5.64 |
| 119.0 | 6.16 | 6.10 | 6.22 | 6.27 | 6.40 | 6.38 | 6.43 | 6.49 | 5.64 |
| 119.5 | 6.22 | 6.15 | 6.28 | 6.32 | 6.45 | 6.43 | 6.48 | 6.55 | 5.84 |
| 120.0 | 6.27 | 6.21 | 6.35 | 6.37 | 6.50 | 6.48 | 6.53 | 6.60 | 6.04 |
| 120.5 | 6.31 | 6.27 | 6.41 | 6.41 | 6.55 | 6.53 | 6.58 | 6.66 | 5.87 |
| 121.0 | 6.35 | 6.33 | 6.47 | 6.46 | 6.60 | 6.58 | 6.64 | 6.71 | 5.69 |
| 121.5 | 6.39 | 6.40 | 6.54 | 6.51 | 6.65 | 6.63 | 6.69 | 6.77 | 5.89 |
| 122.0 | 6.43 | 6.46 | 6.60 | 6.55 | 6.70 | 6.68 | 6.74 | 6.82 | 6.09 |
| 122.5 | 6.48 | 6.52 | 6.66 | 6.62 | 6.75 | 6.73 | 6.80 | 6.88 | 6.09 |
| 123.0 | 6.53 | 6.56 | 6.71 | 6.68 | 6.81 | 6.78 | 6.85 | 6.93 | 6.09 |
| 123.5 | 6.58 | 6.61 | 6.76 | 6.74 | 6.86 | 6.83 | 6.90 | 6.99 | 6.29 |
| 124.0 | 6.63 | 6.65 | 6.80 | 6.81 | 6.91 | 6.88 | 6.95 | 7.04 | 6.49 |

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CANDELA TABULATION - (Cont.)

| | | | | | | | | | |
|-------|-------|------|-------|------|-------|-------|-------|-------|-------|
| 124.5 | 6.68 | 6.69 | 6.85 | 6.87 | 6.96 | 6.93 | 7.01 | 7.10 | 6.69 |
| 125.0 | 6.72 | 6.73 | 6.90 | 6.94 | 7.01 | 6.98 | 7.06 | 7.15 | 6.89 |
| 125.5 | 6.76 | 6.80 | 6.94 | 7.00 | 7.06 | 7.04 | 7.11 | 7.21 | 6.89 |
| 126.0 | 6.80 | 6.87 | 6.99 | 7.07 | 7.11 | 7.09 | 7.16 | 7.26 | 6.89 |
| 126.5 | 6.84 | 6.95 | 7.04 | 7.12 | 7.16 | 7.14 | 7.22 | 7.32 | 7.09 |
| 127.0 | 6.88 | 7.02 | 7.08 | 7.17 | 7.21 | 7.19 | 7.27 | 7.37 | 7.29 |
| 127.5 | 6.92 | 7.10 | 7.13 | 7.21 | 7.26 | 7.25 | 7.33 | 7.43 | 7.29 |
| 128.0 | 6.96 | 7.15 | 7.18 | 7.26 | 7.31 | 7.31 | 7.39 | 7.48 | 7.29 |
| 128.5 | 7.00 | 7.19 | 7.22 | 7.31 | 7.37 | 7.37 | 7.45 | 7.54 | 7.32 |
| 129.0 | 7.04 | 7.24 | 7.27 | 7.36 | 7.42 | 7.43 | 7.50 | 7.59 | 7.34 |
| 129.5 | 7.12 | 7.28 | 7.33 | 7.41 | 7.47 | 7.49 | 7.56 | 7.65 | 7.34 |
| 130.0 | 7.21 | 7.32 | 7.38 | 7.47 | 7.52 | 7.55 | 7.62 | 7.70 | 7.34 |
| 130.5 | 7.29 | 7.39 | 7.44 | 7.55 | 7.57 | 7.61 | 7.68 | 7.76 | 7.54 |
| 131.0 | 7.38 | 7.47 | 7.49 | 7.62 | 7.62 | 7.67 | 7.74 | 7.81 | 7.74 |
| 131.5 | 7.42 | 7.56 | 7.55 | 7.69 | 7.69 | 7.73 | 7.80 | 7.87 | 7.94 |
| 132.0 | 7.46 | 7.64 | 7.59 | 7.77 | 7.76 | 7.79 | 7.86 | 7.92 | 8.14 |
| 132.5 | 7.50 | 7.73 | 7.64 | 7.84 | 7.84 | 7.86 | 7.92 | 7.98 | 8.14 |
| 133.0 | 7.54 | 7.77 | 7.68 | 7.92 | 7.91 | 7.92 | 7.98 | 8.03 | 8.14 |
| 133.5 | 7.62 | 7.82 | 7.73 | 7.97 | 7.98 | 7.99 | 8.04 | 8.09 | 8.16 |
| 134.0 | 7.71 | 7.86 | 7.77 | 8.02 | 8.05 | 8.06 | 8.11 | 8.14 | 8.19 |
| 134.5 | 7.80 | 7.91 | 7.84 | 8.07 | 8.13 | 8.13 | 8.17 | 8.20 | 8.19 |
| 135.0 | 7.90 | 7.95 | 7.92 | 8.12 | 8.20 | 8.20 | 8.23 | 8.25 | 8.19 |
| 135.5 | 7.95 | 7.99 | 8.00 | 8.17 | 8.24 | 8.27 | 8.29 | 8.31 | 8.39 |
| 136.0 | 7.99 | 8.04 | 8.08 | 8.22 | 8.27 | 8.34 | 8.35 | 8.36 | 8.59 |
| 136.5 | 8.03 | 8.08 | 8.17 | 8.27 | 8.30 | 8.41 | 8.41 | 8.42 | 8.79 |
| 137.0 | 8.07 | 8.13 | 8.24 | 8.32 | 8.34 | 8.49 | 8.47 | 8.47 | 8.99 |
| 137.5 | 8.17 | 8.18 | 8.29 | 8.37 | 8.37 | 8.56 | 8.52 | 8.53 | 8.99 |
| 138.0 | 8.27 | 8.23 | 8.33 | 8.42 | 8.40 | 8.62 | 8.58 | 8.58 | 8.99 |
| 138.5 | 8.37 | 8.29 | 8.38 | 8.47 | 8.43 | 8.66 | 8.64 | 8.64 | 9.19 |
| 139.0 | 8.46 | 8.34 | 8.43 | 8.52 | 8.46 | 8.70 | 8.70 | 8.69 | 9.39 |
| 139.5 | 8.50 | 8.39 | 8.48 | 8.56 | 8.51 | 8.74 | 8.76 | 8.75 | 9.21 |
| 140.0 | 8.54 | 8.43 | 8.57 | 8.61 | 8.56 | 8.78 | 8.82 | 8.80 | 9.04 |
| 140.5 | 8.58 | 8.48 | 8.67 | 8.66 | 8.61 | 8.82 | 8.87 | 8.86 | 9.04 |
| 141.0 | 8.63 | 8.52 | 8.76 | 8.71 | 8.66 | 8.85 | 8.93 | 8.91 | 9.04 |
| 141.5 | 8.67 | 8.58 | 8.85 | 8.76 | 8.71 | 8.89 | 8.99 | 8.96 | 9.24 |
| 142.0 | 8.71 | 8.68 | 8.93 | 8.81 | 8.76 | 8.93 | 9.05 | 9.02 | 9.44 |
| 142.5 | 8.75 | 8.78 | 8.98 | 8.88 | 8.81 | 8.96 | 9.11 | 9.07 | 9.64 |
| 143.0 | 8.80 | 8.88 | 9.03 | 8.97 | 8.88 | 9.00 | 9.16 | 9.13 | 9.84 |
| 143.5 | 8.86 | 8.97 | 9.07 | 9.06 | 8.95 | 9.05 | 9.22 | 9.18 | 9.84 |
| 144.0 | 8.91 | 9.02 | 9.12 | 9.15 | 9.03 | 9.11 | 9.27 | 9.24 | 9.84 |
| 144.5 | 8.96 | 9.06 | 9.17 | 9.24 | 9.10 | 9.16 | 9.33 | 9.29 | 9.84 |
| 145.0 | 9.00 | 9.10 | 9.21 | 9.33 | 9.18 | 9.21 | 9.38 | 9.35 | 9.84 |
| 145.5 | 9.04 | 9.16 | 9.26 | 9.36 | 9.26 | 9.26 | 9.44 | 9.40 | 10.04 |
| 146.0 | 9.08 | 9.26 | 9.31 | 9.37 | 9.33 | 9.31 | 9.49 | 9.46 | 10.24 |
| 146.5 | 9.18 | 9.37 | 9.36 | 9.39 | 9.42 | 9.37 | 9.55 | 9.51 | 10.24 |
| 147.0 | 9.29 | 9.48 | 9.40 | 9.40 | 9.51 | 9.42 | 9.60 | 9.57 | 10.24 |
| 147.5 | 9.41 | 9.58 | 9.45 | 9.41 | 9.59 | 9.47 | 9.66 | 9.62 | 10.26 |
| 148.0 | 9.51 | 9.63 | 9.50 | 9.44 | 9.68 | 9.54 | 9.71 | 9.68 | 10.29 |
| 148.5 | 9.55 | 9.67 | 9.54 | 9.48 | 9.77 | 9.62 | 9.76 | 9.73 | 10.29 |
| 149.0 | 9.59 | 9.72 | 9.61 | 9.53 | 9.86 | 9.69 | 9.82 | 9.79 | 10.29 |
| 149.5 | 9.63 | 9.76 | 9.71 | 9.58 | 9.95 | 9.77 | 9.87 | 9.84 | 10.29 |
| 150.0 | 9.74 | 9.81 | 9.82 | 9.63 | 9.97 | 9.84 | 9.93 | 9.90 | 10.29 |
| 150.5 | 9.87 | 9.85 | 9.93 | 9.67 | 9.99 | 9.92 | 9.98 | 9.95 | 10.49 |
| 151.0 | 9.99 | 9.89 | 10.04 | 9.76 | 10.01 | 10.00 | 10.04 | 10.01 | 10.69 |
| 151.5 | 10.08 | 9.94 | 10.05 | 9.85 | 10.03 | 10.07 | 10.09 | 10.06 | 10.69 |
| 152.0 | 10.12 | 9.98 | 10.04 | 9.94 | 10.05 | 10.15 | 10.15 | 10.12 | 10.69 |

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

| | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 152.5 | 10.16 | 10.03 | 10.04 | 10.03 | 10.07 | 10.21 | 10.20 | 10.17 | 10.89 |
| 153.0 | 10.20 | 10.07 | 10.03 | 10.12 | 10.10 | 10.27 | 10.26 | 10.23 | 11.09 |
| 153.5 | 10.25 | 10.16 | 10.05 | 10.22 | 10.15 | 10.33 | 10.31 | 10.28 | 11.09 |
| 154.0 | 10.29 | 10.29 | 10.10 | 10.32 | 10.20 | 10.39 | 10.36 | 10.34 | 11.09 |
| 154.5 | 10.33 | 10.41 | 10.14 | 10.43 | 10.25 | 10.45 | 10.42 | 10.39 | 11.29 |
| 155.0 | 10.37 | 10.53 | 10.19 | 10.53 | 10.30 | 10.50 | 10.47 | 10.45 | 11.48 |
| 155.5 | 10.41 | 10.53 | 10.24 | 10.64 | 10.35 | 10.56 | 10.53 | 10.50 | 11.48 |
| 156.0 | 10.45 | 10.51 | 10.34 | 10.69 | 10.40 | 10.62 | 10.58 | 10.56 | 11.48 |
| 156.5 | 10.54 | 10.48 | 10.45 | 10.70 | 10.49 | 10.68 | 10.64 | 10.61 | 11.48 |
| 157.0 | 10.68 | 10.47 | 10.55 | 10.70 | 10.58 | 10.73 | 10.69 | 10.66 | 11.48 |
| 157.5 | 10.81 | 10.51 | 10.66 | 10.70 | 10.67 | 10.79 | 10.74 | 10.72 | 11.51 |
| 158.0 | 10.91 | 10.55 | 10.77 | 10.70 | 10.76 | 10.84 | 10.80 | 10.77 | 11.53 |
| 158.5 | 10.87 | 10.60 | 10.89 | 10.72 | 10.85 | 10.89 | 10.85 | 10.83 | 11.53 |
| 159.0 | 10.83 | 10.68 | 11.01 | 10.77 | 10.94 | 10.95 | 10.91 | 10.88 | 11.53 |
| 159.5 | 10.79 | 10.79 | 11.14 | 10.82 | 11.01 | 11.00 | 10.96 | 10.94 | 11.73 |
| 160.0 | 10.83 | 10.91 | 11.17 | 10.87 | 11.07 | 11.05 | 11.02 | 10.99 | 11.93 |
| 160.5 | 10.87 | 11.03 | 11.16 | 10.92 | 11.13 | 11.11 | 11.07 | 11.05 | 11.93 |
| 161.0 | 10.91 | 11.16 | 11.14 | 10.99 | 11.19 | 11.16 | 11.12 | 11.10 | 11.93 |
| 161.5 | 11.01 | 11.29 | 11.12 | 11.09 | 11.25 | 11.22 | 11.18 | 11.16 | 12.13 |
| 162.0 | 11.14 | 11.43 | 11.14 | 11.20 | 11.31 | 11.27 | 11.23 | 11.21 | 12.33 |
| 162.5 | 11.27 | 11.52 | 11.18 | 11.30 | 11.37 | 11.32 | 11.29 | 11.27 | 12.33 |
| 163.0 | 11.41 | 11.49 | 11.23 | 11.40 | 11.42 | 11.38 | 11.34 | 11.32 | 12.33 |
| 163.5 | 11.55 | 11.46 | 11.27 | 11.49 | 11.47 | 11.43 | 11.40 | 11.38 | 12.33 |
| 164.0 | 11.70 | 11.42 | 11.34 | 11.55 | 11.53 | 11.48 | 11.45 | 11.43 | 12.33 |
| 164.5 | 11.78 | 11.44 | 11.46 | 11.61 | 11.58 | 11.54 | 11.50 | 11.49 | 12.33 |
| 165.0 | 11.73 | 11.49 | 11.57 | 11.67 | 11.63 | 11.59 | 11.56 | 11.54 | 12.33 |
| 165.5 | 11.68 | 11.53 | 11.69 | 11.73 | 11.68 | 11.64 | 11.61 | 11.60 | 12.53 |
| 166.0 | 11.65 | 11.58 | 11.80 | 11.78 | 11.73 | 11.70 | 11.67 | 11.65 | 12.73 |
| 166.5 | 11.69 | 11.71 | 11.86 | 11.83 | 11.79 | 11.75 | 11.72 | 11.71 | 12.56 |
| 167.0 | 11.73 | 11.83 | 11.92 | 11.88 | 11.84 | 11.80 | 11.78 | 11.76 | 12.38 |
| 167.5 | 11.77 | 11.96 | 11.98 | 11.93 | 11.89 | 11.85 | 11.83 | 11.81 | 12.38 |
| 168.0 | 11.91 | 12.06 | 12.04 | 11.98 | 11.94 | 11.91 | 11.88 | 11.87 | 12.38 |
| 168.5 | 12.05 | 12.11 | 12.08 | 12.03 | 11.99 | 11.96 | 11.94 | 11.92 | 12.56 |
| 169.0 | 12.19 | 12.17 | 12.13 | 12.09 | 12.05 | 12.01 | 11.99 | 11.98 | 12.73 |
| 169.5 | 12.26 | 12.23 | 12.18 | 12.14 | 12.10 | 12.07 | 12.05 | 12.03 | 12.93 |
| 170.0 | 12.32 | 12.28 | 12.23 | 12.19 | 12.15 | 12.12 | 12.10 | 12.09 | 13.13 |
| 170.5 | 12.38 | 12.33 | 12.28 | 12.24 | 12.20 | 12.17 | 12.15 | 12.14 | 12.96 |
| 171.0 | 12.42 | 12.37 | 12.32 | 12.29 | 12.25 | 12.23 | 12.21 | 12.20 | 12.78 |
| 171.5 | 12.47 | 12.42 | 12.37 | 12.34 | 12.30 | 12.28 | 12.26 | 12.25 | 12.78 |
| 172.0 | 12.51 | 12.46 | 12.42 | 12.39 | 12.36 | 12.33 | 12.32 | 12.31 | 12.78 |
| 172.5 | 12.55 | 12.51 | 12.47 | 12.44 | 12.41 | 12.39 | 12.37 | 12.36 | 12.96 |
| 173.0 | 12.59 | 12.55 | 12.52 | 12.49 | 12.46 | 12.44 | 12.43 | 12.42 | 13.13 |
| 173.5 | 12.63 | 12.60 | 12.56 | 12.53 | 12.51 | 12.49 | 12.48 | 12.47 | 13.16 |
| 174.0 | 12.68 | 12.64 | 12.61 | 12.58 | 12.56 | 12.55 | 12.53 | 12.53 | 13.18 |
| 174.5 | 12.72 | 12.69 | 12.66 | 12.63 | 12.61 | 12.60 | 12.59 | 12.58 | 13.18 |
| 175.0 | 12.76 | 12.73 | 12.71 | 12.68 | 12.67 | 12.65 | 12.64 | 12.64 | 13.18 |
| 175.5 | 12.80 | 12.78 | 12.75 | 12.73 | 12.72 | 12.71 | 12.70 | 12.69 | 13.18 |
| 176.0 | 12.85 | 12.82 | 12.80 | 12.78 | 12.77 | 12.76 | 12.75 | 12.74 | 13.18 |
| 176.5 | 12.89 | 12.87 | 12.85 | 12.83 | 12.82 | 12.81 | 12.80 | 12.80 | 13.18 |
| 177.0 | 12.93 | 12.91 | 12.90 | 12.88 | 12.87 | 12.86 | 12.86 | 12.85 | 13.18 |
| 177.5 | 12.97 | 12.96 | 12.94 | 12.93 | 12.92 | 12.92 | 12.91 | 12.91 | 13.18 |
| 178.0 | 13.01 | 13.00 | 12.99 | 12.98 | 12.98 | 12.97 | 12.97 | 12.96 | 13.18 |
| 178.5 | 13.06 | 13.05 | 13.04 | 13.03 | 13.03 | 13.02 | 13.02 | 13.02 | 13.18 |
| 179.0 | 13.10 | 13.09 | 13.09 | 13.08 | 13.08 | 13.08 | 13.07 | 13.07 | 13.18 |
| 179.5 | 13.14 | 13.14 | 13.14 | 13.13 | 13.13 | 13.13 | 13.13 | 13.13 | 13.18 |
| 180.0 | 13.18 | 13.18 | 13.18 | 13.18 | 13.18 | 13.18 | 13.18 | 13.18 | 13.18 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BFP22L30W3750LDMV40K.IES

ZONAL LUMEN SUMMARY

| Zone | Lumens | %Lamp | %Fixt |
|---------|---------|--------|--------|
| 0-20 | 479.36 | 12.90 | 12.40 |
| 0-30 | 1021.38 | 27.50 | 26.40 |
| 0-40 | 1677.46 | 45.20 | 43.40 |
| 0-60 | 2981.07 | 80.30 | 77.10 |
| 0-80 | 3736.39 | 100.60 | 96.70 |
| 0-90 | 3821.68 | 102.90 | 98.90 |
| 10-90 | 3698.16 | 99.60 | 95.70 |
| 20-40 | 1198.1 | 32.30 | 31.00 |
| 20-50 | 1881.38 | 50.60 | 48.70 |
| 40-70 | 1780.1 | 47.90 | 46.10 |
| 60-80 | 755.32 | 20.30 | 19.50 |
| 70-80 | 278.83 | 7.50 | 7.20 |
| 80-90 | 85.29 | 2.30 | 2.20 |
| 90-110 | 9.80 | 0.30 | 0.30 |
| 90-120 | 15.32 | 0.40 | 0.40 |
| 90-130 | 21.33 | 0.60 | 0.60 |
| 90-150 | 33.31 | 0.90 | 0.90 |
| 90-180 | 42.72 | 1.20 | 1.10 |
| 110-180 | 32.92 | 0.90 | 0.90 |
| 0-180 | 3864.4 | 104.00 | 100.00 |

Total Luminaire Efficiency = 104.00%

ZONAL LUMEN SUMMARY

| Zone | Lumens |
|---------|--------|
| 0-10 | 123.52 |
| 10-20 | 355.84 |
| 20-30 | 542.01 |
| 30-40 | 656.09 |
| 40-50 | 683.28 |
| 50-60 | 620.33 |
| 60-70 | 476.49 |
| 70-80 | 278.83 |
| 80-90 | 85.29 |
| 90-100 | 4.95 |
| 100-110 | 4.85 |
| 110-120 | 5.52 |
| 120-130 | 6.02 |
| 130-140 | 6.18 |
| 140-150 | 5.80 |
| 150-160 | 4.87 |
| 160-170 | 3.33 |
| 170-180 | 1.21 |

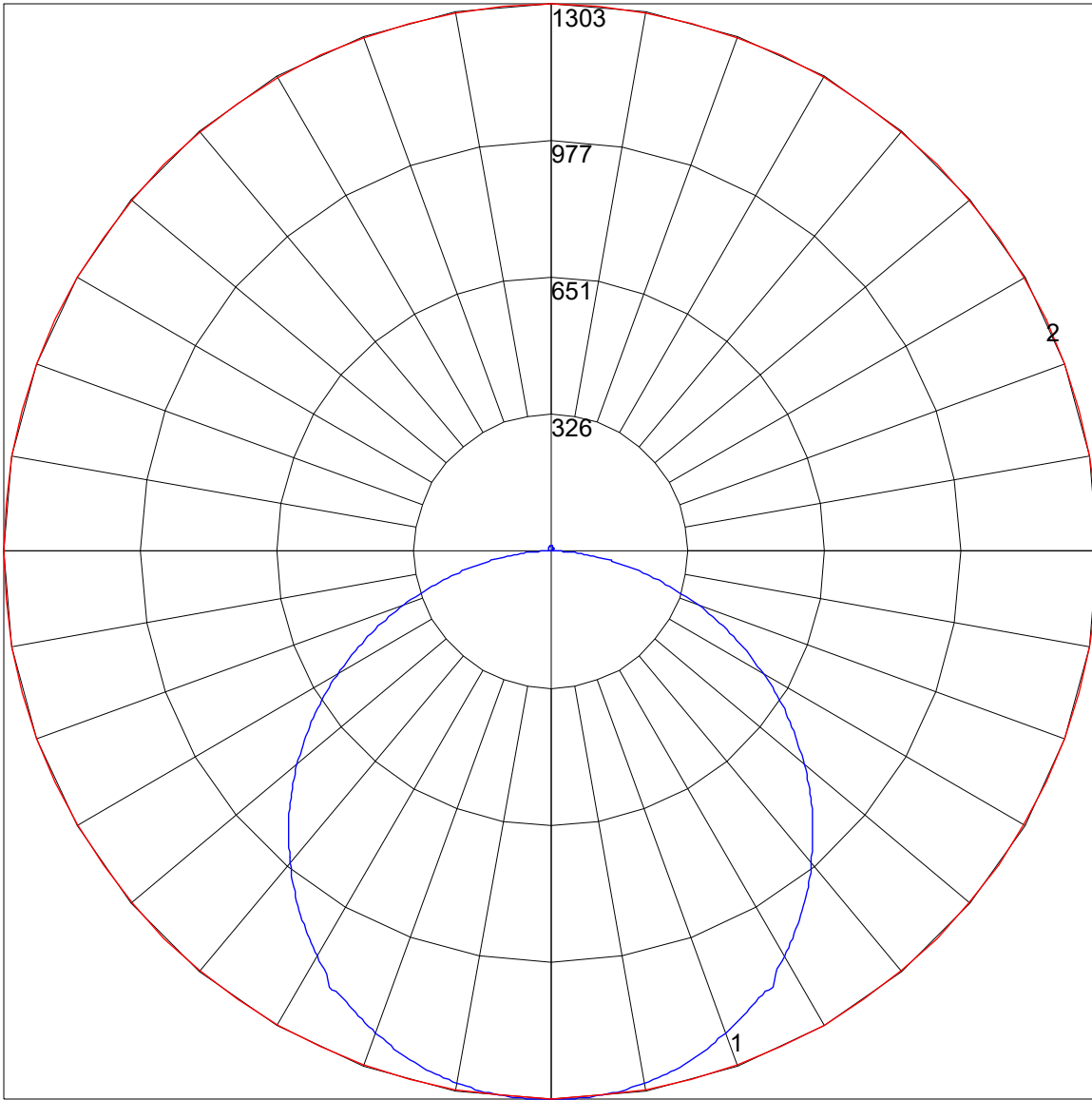
IES INDOOR REPORT
PHOTOMETRIC FILENAME : BFP22L30W3750LDMV40K.IES

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

| RC | 80 | | | | 70 | | | | 50 | | | 30 | | | 10 | | | 0 |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |
| 0 | 124 | 124 | 124 | 124 | 121 | 121 | 121 | 121 | 115 | 115 | 115 | 110 | 110 | 110 | 105 | 105 | 105 | 103 |
| 1 | 113 | 108 | 103 | 99 | 110 | 105 | 101 | 97 | 100 | 97 | 94 | 96 | 93 | 91 | 92 | 90 | 88 | 86 |
| 2 | 102 | 93 | 86 | 80 | 99 | 91 | 85 | 79 | 88 | 82 | 77 | 84 | 79 | 75 | 81 | 77 | 73 | 71 |
| 3 | 93 | 82 | 73 | 66 | 90 | 80 | 72 | 66 | 77 | 70 | 64 | 74 | 68 | 63 | 71 | 66 | 62 | 60 |
| 4 | 85 | 72 | 63 | 56 | 83 | 71 | 62 | 56 | 68 | 61 | 55 | 66 | 59 | 54 | 63 | 58 | 53 | 51 |
| 5 | 78 | 65 | 55 | 48 | 76 | 63 | 55 | 48 | 61 | 53 | 47 | 59 | 52 | 47 | 57 | 51 | 46 | 44 |
| 6 | 72 | 58 | 49 | 42 | 70 | 57 | 48 | 42 | 55 | 47 | 41 | 53 | 46 | 41 | 51 | 45 | 40 | 38 |
| 7 | 67 | 53 | 43 | 37 | 65 | 52 | 43 | 37 | 50 | 42 | 36 | 48 | 41 | 36 | 47 | 41 | 36 | 34 |
| 8 | 62 | 48 | 39 | 33 | 61 | 47 | 39 | 33 | 46 | 38 | 33 | 44 | 37 | 32 | 43 | 37 | 32 | 30 |
| 9 | 58 | 44 | 35 | 30 | 57 | 43 | 35 | 30 | 42 | 35 | 29 | 41 | 34 | 29 | 40 | 33 | 29 | 27 |
| 10 | 54 | 41 | 32 | 27 | 53 | 40 | 32 | 27 | 39 | 32 | 27 | 38 | 31 | 26 | 37 | 31 | 26 | 24 |

POLAR GRAPH



Maximum Candela = 1302.98 Located At Horizontal Angle = 0, Vertical Angle = 2
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (2) (Through Max. Cd.)